

Converting Colors

XYZ(72.0584, 88.6577, 84.7701)

Have a look what the booklet for
XYZ(72.0584, 88.6577, 84.7701)
contains.

| | |
|--|----|
| XYZ(72.1156, 88.6920, 84.5525) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(72.1156, 88.6920,
84.5525)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C4FFE1 |
| RGB | 196, 255, 225 |
| RGB Percent | 77%, 100%, 88% |
| CMY | 0.2314, 0.0000, 0.1176 |
| CMYK | 0.23, 0.00, 0.12, 0.00 |
| HSL | 149°, 100%, 88% |
| HSV | 149°, 23%, 100% |
| XYZ | 72.1156, 88.6920, 84.5525 |
| YIQ | 233.9390, -25.5340, -21.8380 |

Conversions

Conversions Part 2

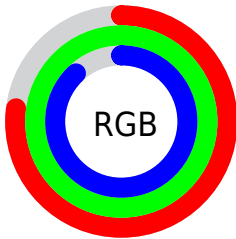
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 196, 236, 255 |
| Decimal | 12910561 |
| CIELab | 95.45, -24.36, 8.33 |
| CIElCh | 95, 25.741, 161.126 |
| Yxy | 88.6920, 0.2939, 0.3615 |
| Android (android.graphics.Color) | 4291100641 (0xFFC4FFE1) |
| YUV | 233.9390, -4.4069, -33.2725 |
| Hunter-Lab | 94.1764, -28.1224, 12.6924 |

Details

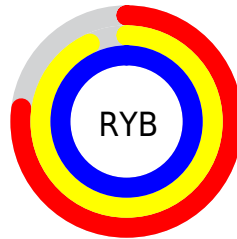
The XYZ color **72.1156, 88.6920, 84.5525** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.7080, 66.2319, 80.7983**, and the grayscale version is **78.2065, 82.2793, 89.6022**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **38.4343, 48.9532, 45.4534** is the 20% darker color. If you saturate the color by 10%, you get **64.3346, 84.8774, 75.3034**, and if you desaturate by 10%, it is **81.1598, 93.1423, 94.5647**.

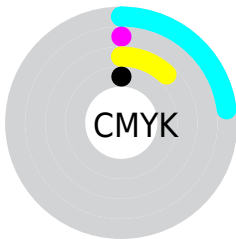
Distribution



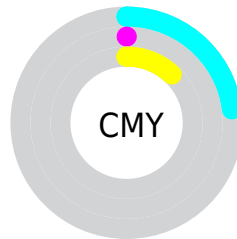
- Red (77%)
- Green (100%)
- Blue (88%)



- Red (77%)
- Yellow (93%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1156, 88.6920, 84.5525 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.1156, 88.6920, 84.5525 by changing the saturation by 10% instead.

72.1156, 88.6920,
84.5525

72.1156, 88.6920,
84.5525

457.0952,
523.7667, 530.2521

53.5389, 66.8963,
62.9237

121.2308,
145.5202, 141.6164

38.4624, 49.0004,
45.3389

152.5000,
181.3215, 177.8885

26.5206, 34.6198,
31.3795

188.7307,
222.5601, 219.8788

17.3482, 23.3701,
20.6271

230.2884,
269.6204, 268.0059

10.5799, 14.8670,
12.6631

277.5383,
322.8868, 322.6882

5.8503, 8.7261,
7.0690

330.8459,

2.7941, 4.5630,

382.7438, 384.3443

3.4262

390.5764,
449.5756, 453.3927

■ 1.0458, 1.9932,
1.3162

■ 0.0000, 0.6035,
0.0750

■ 72.1156, 88.6920,
84.5525

■ 72.1156, 88.6920,
84.5525

■ 64.3346, 84.8774,
75.3034

■ 81.1598, 93.1423,
94.5647

■ 57.7544, 81.6667,
66.7949

■ 91.5207, 98.2554,
105.3534

■ 52.3109, 79.0272,
59.0094

■ 95.0500, 100.0000,
108.9000

■ 47.9326, 76.9223,
51.9268

■ 44.5394, 75.3112,
45.5262

■ 42.0391, 74.1467,
39.7852

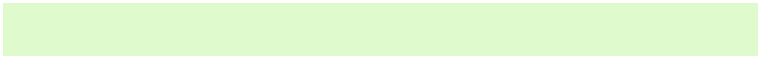
■ 40.3202, 73.3718,
34.6797

■ 39.4836, 73.0094,
31.5281

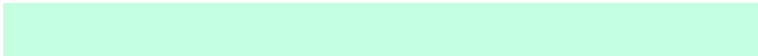
Harmonies

Analogous

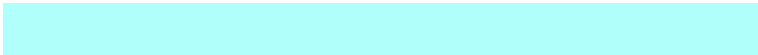
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6966, 88.6920, 70.1874



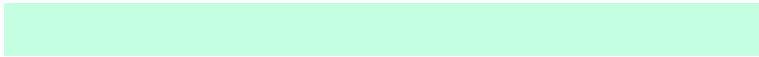
72.1156, 88.6920, 84.5525



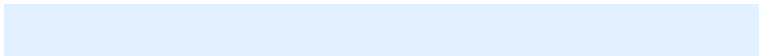
71.6894, 88.6920, 104.2551

Triad

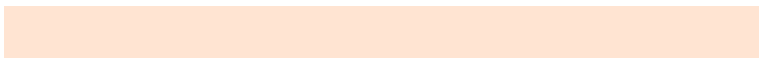
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1156, 88.6920, 84.5525



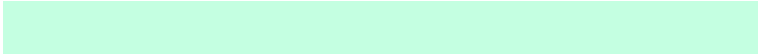
86.9413, 88.6920, 139.8754



94.9242, 88.6920, 73.2275

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.1156, 88.6920, 84.5525



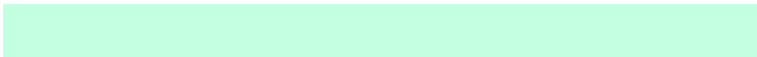
74.7080, 66.2319, 80.7983

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.3069, 88.6920, 89.2731



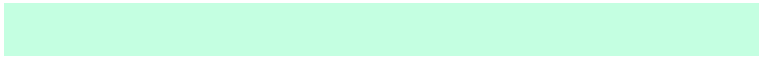
72.1156, 88.6920, 84.5525



93.5299, 88.6920, 128.8534

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1156, 88.6920, 84.5525



79.9911, 88.6920, 138.1452



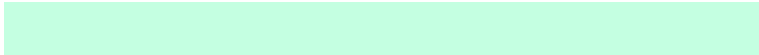
97.7829, 88.6920, 109.6765



88.7591, 88.6920, 64.3057

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



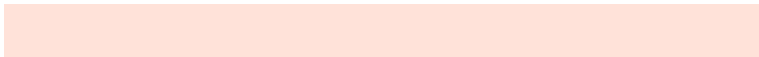
72.1156, 88.6920, 84.5525



73.2228, 88.6920, 118.0537



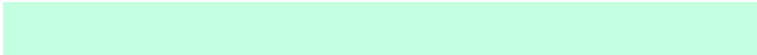
97.7829, 88.6920, 109.6765



96.4395, 88.6920, 77.8658

Sweetspot

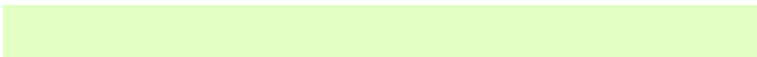
The Sweet Spot groups the original color and five complimentary colors.



72.1164, 88.6924, 84.5539



87.3580, 96.1995, 101.0917



77.2402, 91.7528, 65.8650



18.5629, 20.5239, 21.4976



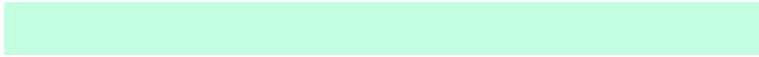
0.0000, 0.0000, 0.0000



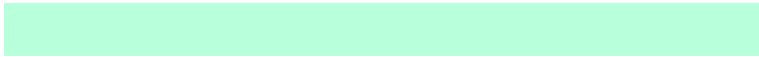
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1164, 88.6924, 84.5539



68.1776, 86.7595, 79.9610



76.4176, 90.4129, 107.2038



18.1437, 20.3170, 21.0600



20.7060, 38.1790, 16.8692



2.0711, 3.7394, 1.9322

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.7080, 66.2319, 80.7983



71.2031, 60.5373, 75.5757



71.0568, 64.7715, 61.5717



18.3948, 18.1412, 20.6962



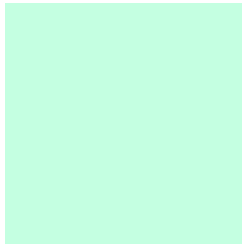
23.7178, 11.9764, 12.4305



2.3645, 1.1882, 1.5009

Previews

White Background



This preview shows how the XYZ color 72.1156, 88.6920, 84.5525 looks on a white background.

Color Contrast Check

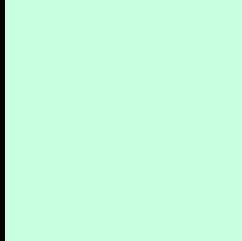
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.1156, 88.6920, 84.5525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

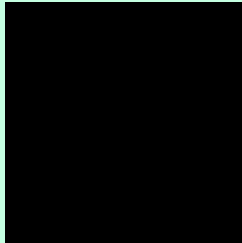
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

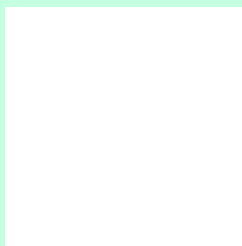
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1156, 88.6920, 84.5525

Background



This preview shows how black text looks on a background with the XYZ color 72.1156, 88.6920, 84.5525.



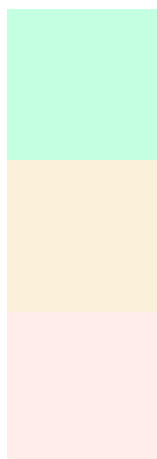
This preview shows how white text looks on a background with the XYZ color 72.1156, 88.6920,

84.5525.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.1156, 88.6920, 84.5525

Protanopia

83.4681, 87.8392, 78.2011

Deuteranopia

86.6645, 87.8845, 91.7526



Tritanopia

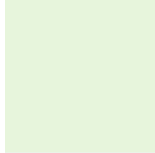
81.4429, 88.3721, 107.3728

Trichromacy



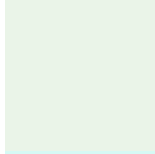
Original Color

72.1156, 88.6920, 84.5525



Protanomaly

78.5257, 87.4610, 80.4531



Deuteranomaly

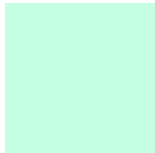
80.8479, 88.0200, 89.0723



Tritanomaly

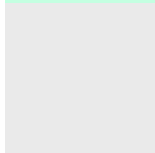
77.9364, 88.5792, 98.5778

Monochromacy



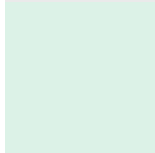
Original Color

72.1156, 88.6920, 84.5525



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.6911, 84.4894, 87.9200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1156, 88.6920, 84.5525 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.1156, 88.6920, 84.5525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 255, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 255, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1156, 88.6920, 84.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
255, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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