

Converting Colors

XYZ(72.4702, 88.7683, 89.3854)

Have a look what the booklet for
XYZ(72.4702, 88.7683, 89.3854)
contains.

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Color

**XYZ(72.5736, 88.8155,
89.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FFE8
RGB	194, 255, 232
RGB Percent	76%, 100%, 91%
CMY	0.2392, 0.0000, 0.0902
CMYK	0.24, 0.00, 0.09, 0.00
HSL	157°, 100%, 88%
HSV	157°, 24%, 100%
XYZ	72.5736, 88.8155, 89.6620
YIQ	234.1390, -28.9730, -20.0850

Conversions

Conversions Part 2

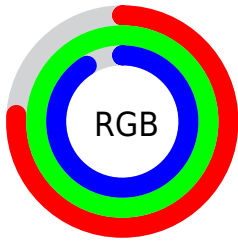
Format	Color
RYB	194, 232, 255
Decimal	12779496
CIELab	95.50, -23.62, 4.79
CIELCh	96, 24.097, 168.546
Yxy	88.8155, 0.2891, 0.3538
Android (android.graphics.Color)	4290969576 (0xFFC2FFE8)
YUV	234.1390, -1.0545, -35.2019
Hunter-Lab	94.2420, -27.4647, 9.5608

Details

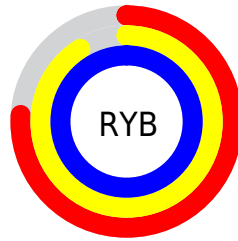
The XYZ color **72.5736, 88.8155, 89.6620** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.0567, 64.8543, 74.3135**, and the grayscale version is **78.3352, 82.4147, 89.7496**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **38.6780, 49.0117, 48.4960** is the 20% darker color. If you saturate the color by 10%, you get **65.2524, 85.1948, 82.3850**, and if you desaturate by 10%, it is **81.0942, 93.0459, 97.3880**.

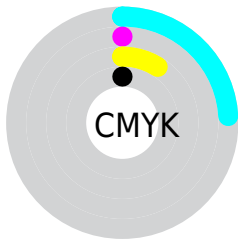
Distribution



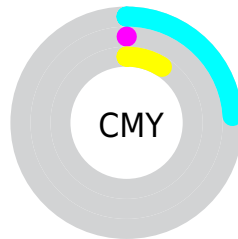
- Red (76%)
- Green (100%)
- Blue (91%)



- Red (76%)
- Yellow (91%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5736, 88.8155, 89.6620 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 72.5736, 88.8155, 89.6620 by changing the saturation by 10% instead.


 72.5736, 88.8155,
89.6620

 72.5736, 88.8155,
89.6620


458.6623,
524.1701, 547.4724

 53.9145, 66.9986,
67.1282

 121.8781,
145.6920, 148.8002

 38.7637, 49.0835,
48.7266

153.2542,
181.5204, 186.2417

 26.7559, 34.6857,
34.0386


189.6000,
222.7881, 229.4896

 17.5256, 23.4209,
22.6456

231.2809,
269.8795, 278.9623

 10.7075, 14.9046,
14.1292

278.6622,
323.1790, 335.0784

 5.9364, 8.7525,
8.0708

332.1094,

 2.8467, 4.5801,

383.0711, 398.2564

4.0519

391.9876,
449.9400, 468.9149

■ 1.0732, 2.0031,
1.6538

■ 0.0025, 0.6092,
0.3288

■ 72.5736, 88.8155,
89.6620

■ 72.5736, 88.8155,
89.6620

■ 65.2524, 85.1948,
82.3850

■ 81.0942, 93.0459,
97.3880

■ 59.0696, 82.1524,
75.5437

■ 90.8659, 97.9125,
105.5673

■ 53.9622, 79.6562,
69.1304

■ 95.0500, 100.0000,
108.9000

■ 49.8604, 77.6700,
63.1351

■ 46.6852, 76.1535,
57.5477

■ 44.3454, 75.0598,
52.3569

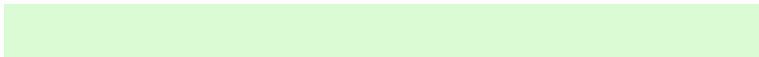
■ 42.7297, 74.3316,
47.5505

■ 42.0056, 74.0182,
44.8088

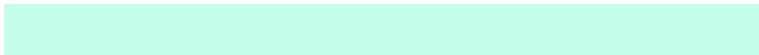
Harmonies

Analogous

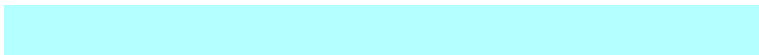
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2532, 88.8155, 74.5737



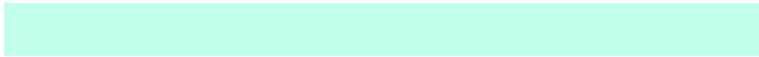
72.5736, 88.8155, 89.6620



72.9418, 88.8155, 108.7383

Triad

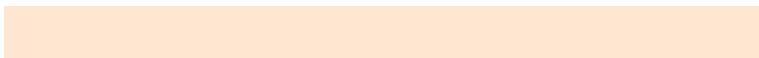
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5736, 88.8155, 89.6620



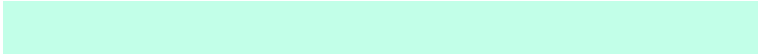
88.5198, 88.8155, 135.4396



93.1044, 88.8155, 71.9309

Complementary

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



72.5736, 88.8155, 89.6620



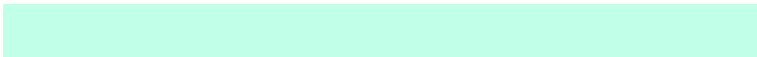
73.0567, 64.8543, 74.3135

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.



97.0356, 88.8155, 85.5939



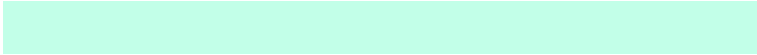
72.5736, 88.8155, 89.6620



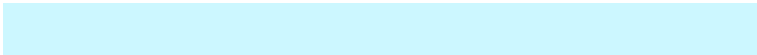
94.2949, 88.8155, 122.8315

Square

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



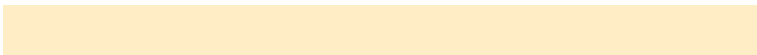
72.5736, 88.8155, 89.6620



81.9200, 88.8155, 136.9022



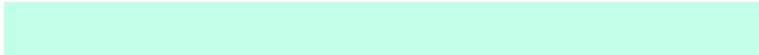
97.4823, 88.8155, 104.1074



86.9631, 88.8155, 65.2642

Rectangle

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



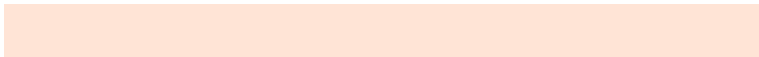
72.5736, 88.8155, 89.6620



74.8702, 88.8155, 121.1808



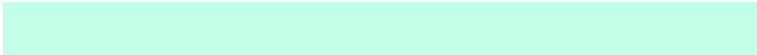
97.4823, 88.8155, 104.1074



94.7416, 88.8155, 75.7689

Sweetspot

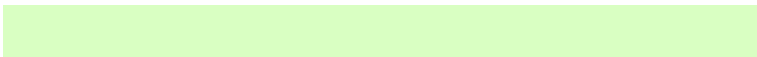
The Sweet Spot groups the original color and five complimentary colors.



72.5745, 88.8159, 89.6635



87.7204, 96.3444, 102.9997



74.2276, 90.2259, 64.5434



18.6469, 20.5574, 21.9395



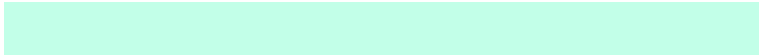
0.0000, 0.0000, 0.0000



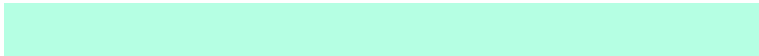
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5745, 88.8159, 89.6635



68.7093, 86.9024, 85.9113



73.8303, 85.7529, 107.2684



18.2475, 20.3585, 21.6061



22.0237, 38.7061, 23.8080



2.1975, 3.7899, 2.5978

Inverse Universe

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



73.0567, 64.8543, 74.3135



69.2742, 58.9281, 68.0003



71.8922, 66.9838, 60.1803



18.2927, 18.1004, 20.1583



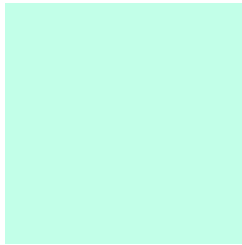
22.7220, 11.5781, 7.1865



2.2634, 1.1477, 0.9683

Previews

White Background



This preview shows how the XYZ color 72.5736, 88.8155, 89.6620 looks on a white background.

Color Contrast Check

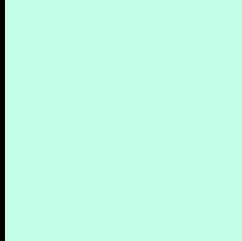
Large Text (above 18pt) WCAG AA × Fail

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 72.5736, 88.8155, 89.6620 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 72.5736, 88.8155, 89.6620

Background



This preview shows how black text looks on a background with the XYZ color 72.5736, 88.8155, 89.6620.



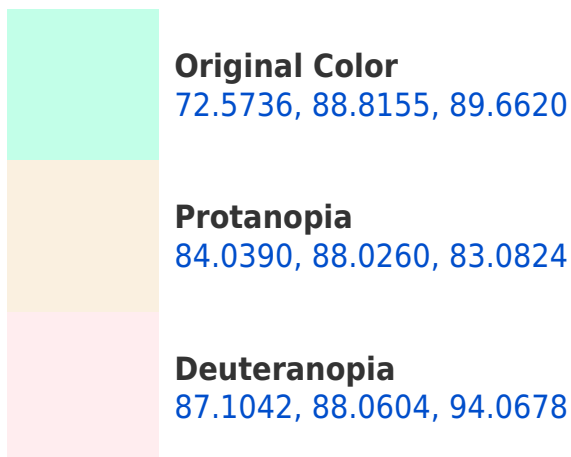
This preview shows how white text looks on a background with the XYZ color 72.5736, 88.8155,

89.6620.

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





Tritanopia

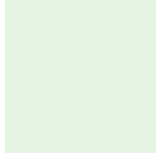
81.4429, 88.3721, 107.3728

Trichromacy



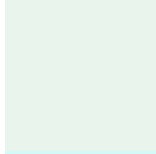
Original Color

72.5736, 88.8155, 89.6620



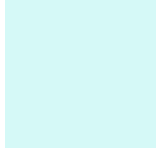
Protanomaly

79.1507, 87.6739, 85.4241



Deuteranomaly

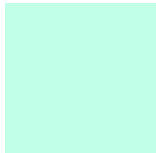
81.0953, 88.0811, 92.0841



Tritanomaly

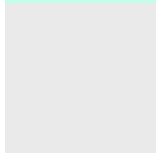
78.1048, 88.6129, 100.9831

Monochromacy



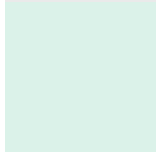
Original Color

72.5736, 88.8155, 89.6620



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.6735, 84.4475, 89.4024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5736, 88.8155, 89.6620 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(194, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 232)  
}
```

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(194, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 232) }
```

Border

The CSS property to change the border of an element to XYZ 72.5736, 88.8155, 89.6620 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(194, 255, 232) }
```


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

```
.border{ border-color:rgb(194, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(194, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5736, 88.8155, 89.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 232) }
```

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

```
.background{ background-color: rgb(194,  
255, 232) }
```

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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