

Converting Colors

XYZ(74.3483, 91.8114, 89.7341)

Have a look what the booklet for
XYZ(74.3483, 91.8114, 89.7341)
contains.

XYZ(72.9488, 89.0253, 88.9401)	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(72.9488, 89.0253,
88.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FFE7
RGB	196, 255, 231
RGB Percent	77%, 100%, 91%
CMY	0.2314, 0.0000, 0.0941
CMYK	0.23, 0.00, 0.09, 0.00
HSL	156°, 100%, 88%
HSV	156°, 23%, 100%
XYZ	72.9488, 89.0253, 88.9401
YIQ	234.6230, -27.4600, -19.9720

Conversions

Conversions Part 2

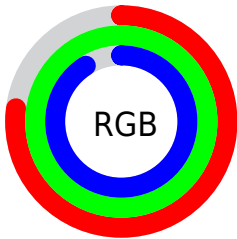
Format	Color
RYB	196, 233, 255
Decimal	12910567
CIELab	95.59, -23.21, 5.44
CIELCh	96, 23.838, 166.806
Yxy	89.0253, 0.2907, 0.3548
Android (android.graphics.Color)	4291100647 (0xFFC4FFE7)
YUV	234.6230, -1.7861, -33.8724
Hunter-Lab	94.3532, -27.1116, 10.1588

Details

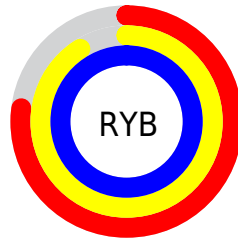
The XYZ color **72.9488, 89.0253, 88.9401** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8988, 65.9083, 76.5372**, and the grayscale version is **78.7069, 82.8058, 90.1755**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **38.9165, 49.1460, 47.9925** is the 20% darker color. If you saturate the color by 10%, you get **65.4482, 85.3229, 81.1675**, and if you desaturate by 10%, it is **81.6652, 93.3444, 97.2257**.

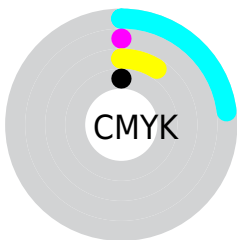
Distribution



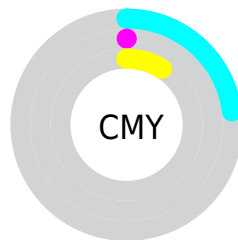
- Red (77%)
- Green (100%)
- Blue (91%)



- Red (77%)
- Yellow (91%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9488, 89.0253, 88.9401 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 72.9488, 89.0253, 88.9401 by changing the saturation by 10% instead.


 72.9488, 89.0253,
88.9401

 72.9488, 89.0253,
88.9401


459.9439,
524.8551, 545.0579

 54.2223, 67.1725,
66.5332

122.4080,
145.9837, 147.7879

 39.0108, 49.2248,
48.2461


153.8715,
181.8582, 185.0658

 26.9489, 34.7979,
33.6605

190.3114,
223.1753, 228.1378

 17.6712, 23.5072,
22.3576

232.0930,
270.3196, 277.4224

 10.8125, 14.9685,
13.9191

279.5817,
323.6752, 333.3382

 6.0072, 8.7973,
7.9263

333.1428,

 2.8902, 4.6092,

383.6268, 396.3037

3.9607

393.1418,
450.5586, 466.7374

■ 1.0960, 2.0198,
1.6038

■ 0.0217, 0.6190,
0.2935

■ 72.9488, 89.0253,
88.9401

■ 72.9488, 89.0253,
88.9401

■ 65.4482, 85.3229,
81.1675

■ 81.6652, 93.3444,
97.2257

■ 59.1024, 82.2059,
73.8931

■ 91.6492, 98.3068,
106.0300

■ 53.8487, 79.6423,
67.1072

■ 95.0500, 100.0000,
108.9000

■ 49.6173, 77.5962,
60.7985

■ 46.3299, 76.0274,
54.9548

■ 43.8959, 74.8895,
49.5631

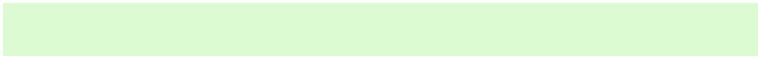
■ 42.2058, 74.1261,
44.6094

■ 41.3683, 73.7633,
41.4529

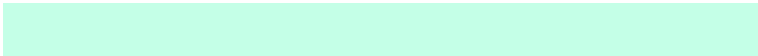
Harmonies

Analogous

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



75.7714, 89.0253, 74.3043



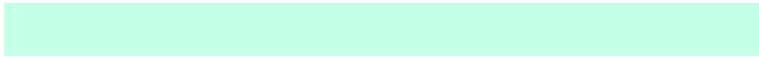
72.9488, 89.0253, 88.9401



73.1349, 89.0253, 107.7287

Triad

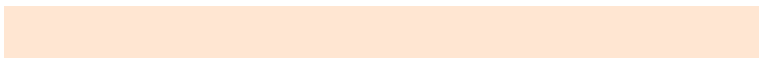
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9488, 89.0253, 88.9401



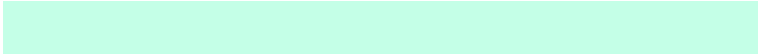
88.3058, 89.0253, 135.6773



93.5223, 89.0253, 72.9672

Complementary

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



72.9488, 89.0253, 88.9401



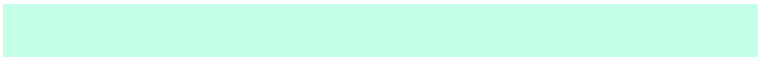
73.8988, 65.9083, 76.5372

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.



97.2396, 89.0253, 86.8846



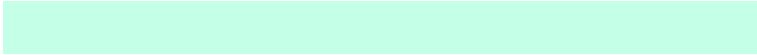
72.9488, 89.0253, 88.9401



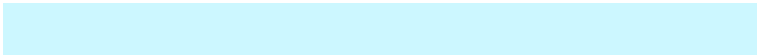
94.1231, 89.0253, 123.7454

Square

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



72.9488, 89.0253, 88.9401



81.7768, 89.0253, 136.4142



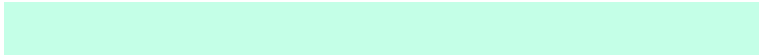
97.4650, 89.0253, 105.3919



87.5200, 89.0253, 65.9158

Rectangle

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



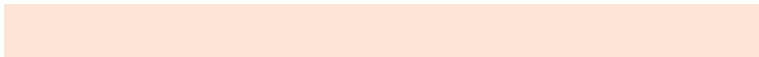
72.9488, 89.0253, 88.9401



74.9374, 89.0253, 120.1614



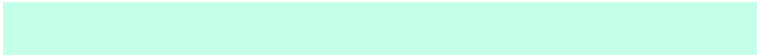
97.4650, 89.0253, 105.3919



95.0938, 89.0253, 76.9101

Sweetspot

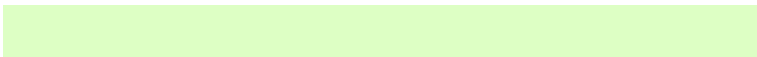
The Sweet Spot groups the original color and five complimentary colors.



72.9497, 89.0257, 88.9416



87.6380, 96.3115, 102.5660



75.4166, 90.8127, 65.7797



18.6278, 20.5498, 21.8390



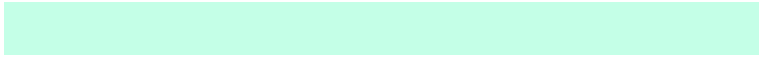
0.0000, 0.0000, 0.0000



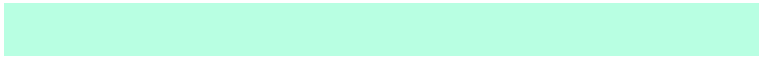
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9497, 89.0257, 88.9416



69.1530, 87.1496, 85.0974



75.0271, 87.3792, 107.5193



18.2238, 20.3491, 21.4817



21.6918, 38.5733, 22.0600



2.1663, 3.7774, 2.4334

Inverse Universe

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



73.8988, 65.9083, 76.5372



70.2625, 60.1610, 70.6224



72.0718, 66.9811, 61.3560



18.3156, 18.1096, 20.2792



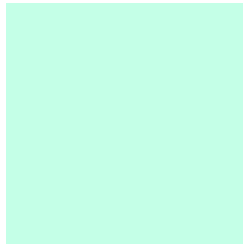
22.9165, 11.6559, 8.2110



2.2838, 1.1559, 1.0760

Previews

White Background



This preview shows how the XYZ color 72.9488, 89.0253, 88.9401 looks on a white background.

Color Contrast Check

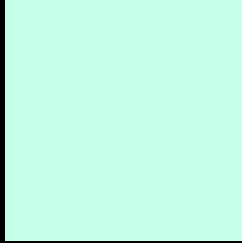
Large Text (above 18pt) WCAG AA × Fail

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 72.9488, 89.0253, 88.9401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

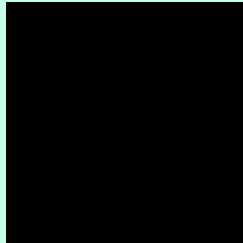
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

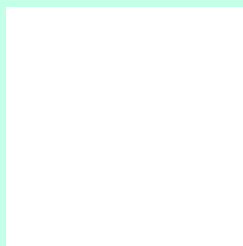
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9488, 89.0253, 88.9401

Background



This preview shows how black text looks on a background with the XYZ color 72.9488, 89.0253, 88.9401.

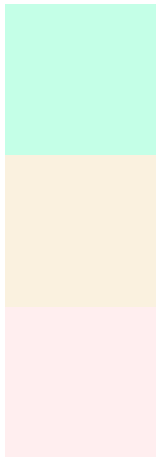


This preview shows how white text looks on a background with the XYZ color 72.9488, 89.0253,

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

72.9488, 89.0253, 88.9401

Protanopia

84.1989, 88.5623, 82.4685

Deuteranopia

87.3945, 88.6411, 94.1646



Tritanopia

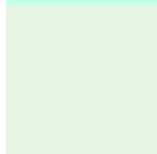
81.7537, 88.5324, 107.3873

Trichromacy



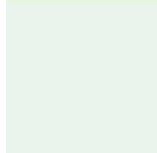
Original Color

72.9488, 89.0253, 88.9401



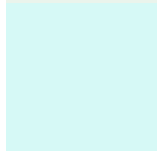
Protanomaly

79.3164, 88.2255, 84.8003



Deuteranomaly

81.4227, 88.2499, 92.0994



Tritanomaly

78.2418, 88.7013, 100.1861

Monochromacy



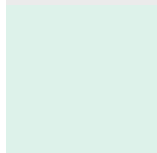
Original Color

72.9488, 89.0253, 88.9401



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4222, 84.8169, 90.1853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9488, 89.0253, 88.9401 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 231) }
```

Border

The CSS property to change the border of an element to XYZ 72.9488, 89.0253, 88.9401 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, 231) }
```


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

```
.border{ border-color:rgb(196, 255, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9488, 89.0253, 88.9401 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, 231) }
```

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

```
.background{ background-color: rgb(196,  
255, 231) }
```

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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