

Converting Colors

XYZ(71.3363, 82.0119, 91.3629)

Have a look what the booklet for
XYZ(71.3363, 82.0119, 91.3629)
contains.

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Color

**XYZ(71.5211, 82.2569,
91.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF2EC
RGB	203, 242, 236
RGB Percent	80%, 95%, 93%
CMY	0.2039, 0.0510, 0.0745
CMYK	0.16, 0.00, 0.02, 0.05
HSL	171°, 60%, 87%
HSV	171°, 16%, 95%
XYZ	71.5211, 82.2569, 91.4645
YIQ	229.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

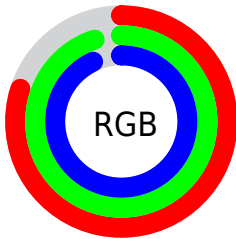
Format	Color
R _Y B	203, 224, 242
Decimal	13365996
CIE Lab	92.69, -13.70, -1.32
CIE LCh	93, 13.766, 185.487
Yxy	82.2569, 0.2916, 0.3354
Android (android.graphics.Color)	4291556076 (0xFFC _B F2E _C)
YUV	229.6550, 3.1281, -23.3764
Hunter-Lab	90.6956, -17.9550, 3.6943

Details

The XYZ color **71.5211, 82.2569, 91.4645** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4855, 66.1949, 69.4399**, and the grayscale version is **74.9497, 78.8529, 85.8708**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0099, 44.7090, 49.8064** is the 20% darker color. If you saturate the color by 10%, you get **64.9031, 78.9093, 88.3605**, and if you desaturate by 10%, it is **79.1838, 86.1462, 94.6798**.

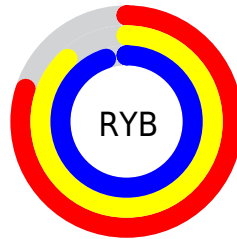
Distribution



Red (80%)

Green (95%)

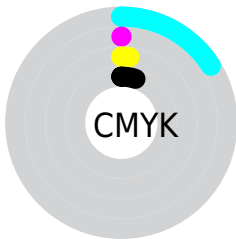
Blue (93%)



Red (80%)

Yellow (88%)

Blue (95%)

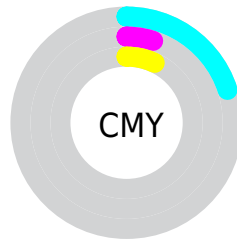


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (20%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5211, 82.2569, 91.4645 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 71.5211, 82.2569, 91.4645 by changing the saturation by 10% instead.

71.5211, 82.2569,
91.4645

71.5211, 82.2569,
91.4645

455.0565,
502.5066, 553.4759

53.0516, 61.5773,
68.6154

120.3899,
136.5342, 151.3242

38.0716, 44.6912,
49.9287

151.5199,
170.9007, 189.1719

26.2158, 31.2143,
34.9860

187.6009,
210.5983, 232.8562

17.1186, 20.7621,
23.3686

228.9981,
256.0114, 282.7957

10.4149, 12.9502,
14.6581

276.0769,
307.5244, 339.4089

5.7393, 7.3943,
8.4358

329.2027,

2.7264, 3.7099,

365.5217, 403.1143

4.2833

388.7408,
430.3876, 474.3305

■ 1.0108, 1.5126,
1.7820

■ 0.0000, 0.2976,
0.4161

■ 71.5211, 82.2569,
91.4645

■ 71.5211, 82.2569,
91.4645

■ 64.9031, 78.9093,
88.3605

■ 79.1838, 86.1462,
94.6798

■ 59.2752, 76.0686,
85.3597

■ 87.9287, 90.5899,
98.0033

■ 54.5882, 73.7116,
82.4611

■ 89.8094, 91.4935,
101.0651

■ 50.7861, 71.8096,
79.6618

■ 90.3907, 91.7261,
104.1262

■ 47.8068, 70.3305,
76.9585

■ 90.9835, 91.9632,
107.2481

■ 45.5801, 69.2381,
74.3476

■ 91.0436, 91.9872,
107.5645

■ 44.0239, 68.4901,
71.8248

■ 43.0364, 68.0340,
69.3850

■ 42.7436, 67.9032,
68.4569

Harmonies

Analogous

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



72.0781, 82.2569, 81.6217



71.5211, 82.2569, 91.4645



72.7042, 82.2569, 101.5176

Triad

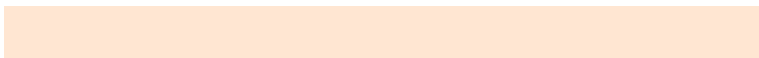
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5211, 82.2569, 91.4645



82.2523, 82.2569, 106.6157



81.0771, 82.2569, 72.7785

Complementary

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



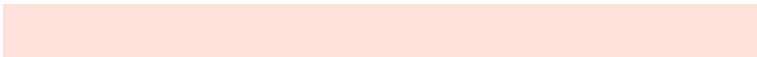
71.5211, 82.2569, 91.4645



69.4855, 66.1949, 69.4399

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.



83.9297, 82.2569, 78.5872



71.5211, 82.2569, 91.4645



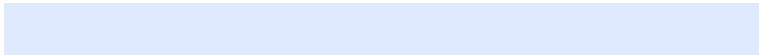
84.6226, 82.2569, 98.0051

Square

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



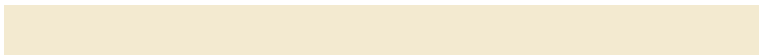
71.5211, 82.2569, 91.4645



78.8436, 82.2569, 110.6829



85.2456, 82.2569, 87.6896



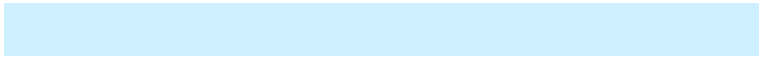
77.5255, 82.2569, 71.3180

Rectangle

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



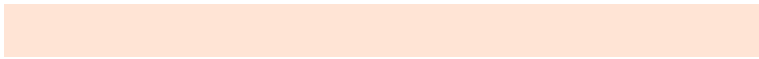
71.5211, 82.2569, 91.4645



74.3425, 82.2569, 106.8321



85.2456, 82.2569, 87.6896



82.1530, 82.2569, 74.2644

Sweetspot

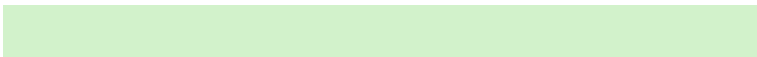
The Sweet Spot groups the original color and five complimentary colors.



71.5235, 82.2603, 91.4663



90.1994, 97.5358, 107.0321



68.9704, 81.4479, 68.5873



19.1658, 20.8053, 22.8536



0.0000, 0.0000, 0.0000



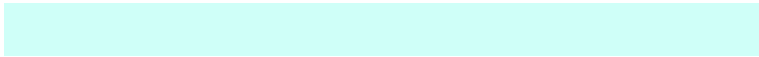
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5235, 82.2603, 91.4663



78.2389, 91.4696, 101.9671



68.6775, 75.1489, 94.8938



16.1367, 17.8847, 19.7428



23.0025, 36.4930, 36.9919



1.9416, 3.0471, 3.2246

Inverse Universe

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



69.4855, 66.1949, 69.4399



75.5825, 70.5233, 73.2520



71.9562, 72.3035, 66.6649



15.8720, 15.7985, 16.8820



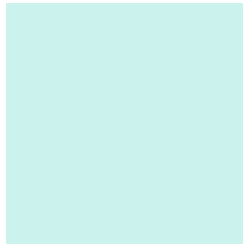
19.8842, 10.2261, 2.0408



1.6838, 0.8626, 0.3257

Previews

White Background



This preview shows how the XYZ color 71.5211, 82.2569, 91.4645 looks on a white background.

Color Contrast Check

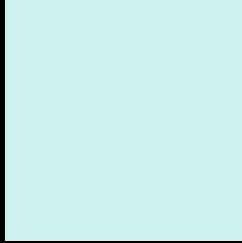
Large Text (above 18pt) WCAG AA × Fail

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 71.5211, 82.2569, 91.4645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

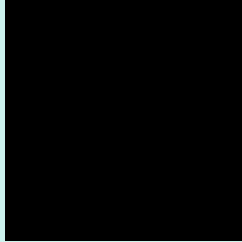
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

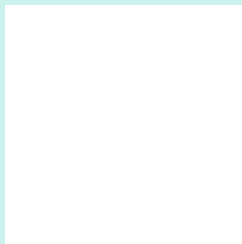
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5211, 82.2569, 91.4645

Background



This preview shows how black text looks on a background with the XYZ color 71.5211, 82.2569, 91.4645.



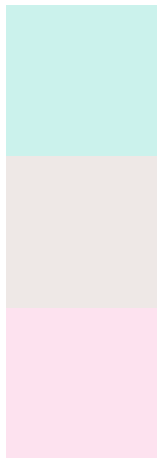
This preview shows how white text looks on a background with the XYZ color 71.5211, 82.2569,

91.4645.

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

71.5211, 82.2569, 91.4645

Protanopia

78.3994, 81.6035, 86.4819

Deuteranopia

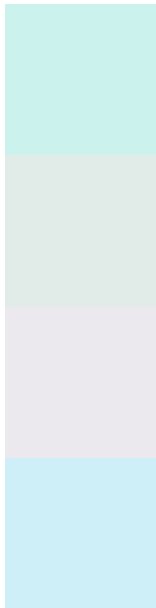
83.2844, 81.5074, 93.0043



Tritanopia

75.2029, 82.0707, 106.4854

Trichromacy



Original Color

71.5211, 82.2569, 91.4645

Protanomaly

75.6123, 81.8247, 88.1525

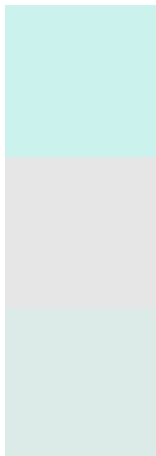
Deuteranomaly

78.5502, 81.5484, 92.4893

Tritanomaly

73.5419, 81.7757, 100.7152

Monochromacy



Original Color

71.5211, 82.2569, 91.4645

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.5035, 79.8875, 87.8897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5211, 82.2569, 91.4645 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(203, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 236)  
}
```

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(203, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 236) }
```

Border

The CSS property to change the border of an element to XYZ 71.5211, 82.2569, 91.4645 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(203, 242, 236) }
```


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

```
.border{ border-color:rgb(203, 242, 236) }
```

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

Here you see how a box with a 4 pixel rgb(203, 242, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(203, 242,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5211, 82.2569, 91.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 242, 236) }
```

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

```
.background{ background-color: rgb(203,  
242, 236) }
```

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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