

Converting Colors

XYZ(65.2716, 74.7895, 89.7504)

Have a look what the booklet for
XYZ(65.2716, 74.7895, 89.7504)
contains.

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Color

**XYZ(65.3379, 74.7877,
89.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE8EB
RGB	191, 232, 235
RGB Percent	75%, 91%, 92%
CMY	0.2510, 0.0902, 0.0784
CMYK	0.19, 0.01, 0.00, 0.08
HSL	184°, 52%, 84%
HSV	184°, 19%, 92%
XYZ	65.3379, 74.7877, 89.5891
YIQ	220.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

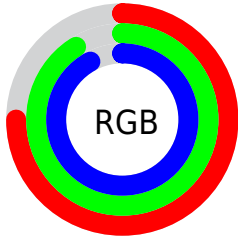
Format	Color
RYB	191, 212, 235
Decimal	12577003
CIELab	89.29, -12.57, -5.87
CIELCh	89, 13.876, 205.028
Yxy	74.7877, 0.2844, 0.3256
Android (android.graphics.Color)	4290767083 (0xFFBFE8EB)
YUV	220.0830, 7.3541, -25.5058
Hunter-Lab	86.4799, -16.4782, -0.8857

Details

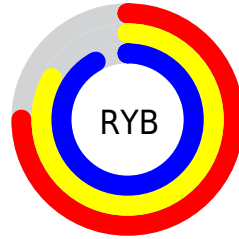
The XYZ color **65.3379, 74.7877, 89.5891** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9575, 60.0076, 57.5562**, and the grayscale version is **68.0502, 71.5941, 77.9660**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **33.9785, 39.6237, 48.5051** is the 20% darker color. If you saturate the color by 10%, you get **59.4477, 71.0872, 89.1865**, and if you desaturate by 10%, it is **72.1848, 78.9913, 90.0408**.

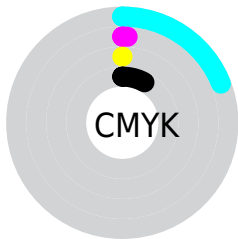
Distribution



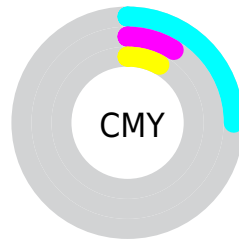
- Red (75%)
- Green (91%)
- Blue (92%)



- Red (75%)
- Yellow (83%)
- Blue (92%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3379, 74.7877, 89.5891 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 65.3379, 74.7877, 89.5891 by changing the saturation by 10% instead.

65.3379, 74.7877,
89.5891

65.3379, 74.7877,
89.5891

433.5313,
477.1876, 547.2289

48.0008, 55.4390,
67.0681

111.5985,
126.0118, 148.6980

34.0388, 39.7533,
48.6780

141.2528,
158.6560, 186.1230

23.0864, 27.3462,
34.0003

175.7435,
196.5007, 229.3532

14.7784, 17.8334,
22.6165

215.4360,
239.9305, 278.8069

8.7493, 10.8305,
14.1080

260.6957,
289.3297, 334.9028

4.6338, 5.9530,
8.0562

311.8879,

2.0666, 2.8165,

345.0827, 398.0594

4.0426

369.3780,
407.5738, 468.6952

■ 0.6710, 1.0367,
1.6488

■ 0.0000, 0.0000,
0.3253

■ 65.3379, 74.7877,
89.5891

■ 65.3379, 74.7877,
89.5891

■ 59.4477, 71.0872,
89.1865

■ 72.1848, 78.9913,
90.0408

■ 54.4625, 67.8574,
88.8258

■ 80.0239, 83.7107,
90.5386

■ 50.3357, 65.0762,
88.5065

■ 86.4639, 87.7148,
90.9720

■ 47.0137, 62.7160,
88.2260

■ 86.9290, 88.6450,
91.1271

■ 44.4373, 60.7461,
87.9816

■ 87.3982, 89.5834,
91.2835

■ 42.5388, 59.1317,
87.7700

■ 87.8716, 90.5301,
91.4412

■ 41.2380, 57.8315,
87.5876

■ 88.3491, 91.4852,
91.6004

■ 40.4165, 56.7843,
87.4288

■ 88.8308, 92.4486,
91.7610

■ 40.3256, 56.6582,
87.4093

■ 89.3167, 93.4204,
91.9230

Harmonies

Analogous

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



64.7839, 74.7877, 79.8236



65.3379, 74.7877, 89.5891



67.4115, 74.7877, 97.7105

Triad

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



65.3379, 74.7877, 89.5891



76.5611, 74.7877, 92.6094



71.6500, 74.7877, 64.2093

Complementary

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



65.3379, 74.7877, 89.5891



62.9575, 60.0076, 57.5562

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.



74.8864, 74.7877, 67.0684



65.3379, 74.7877, 89.5891



77.7787, 74.7877, 83.0600

Square

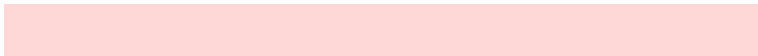
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.3379, 74.7877, 89.5891



73.8777, 74.7877, 99.5492



77.1564, 74.7877, 73.7840



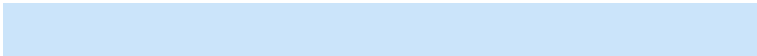
68.3606, 74.7877, 65.6566

Rectangle

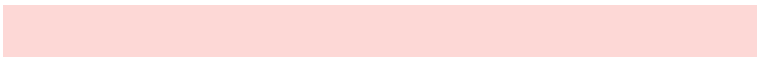
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.3379, 74.7877, 89.5891



69.4124, 74.7877, 100.8347



77.1564, 74.7877, 73.7840



72.7812, 74.7877, 64.6915

Sweetspot

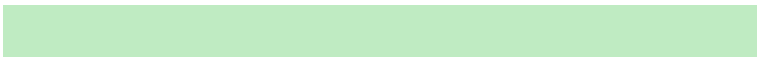
The Sweet Spot groups the original color and five complimentary colors.



65.3401, 74.7908, 89.5908



89.3118, 96.5496, 108.5364



60.9258, 74.3865, 62.1482



18.9884, 20.5882, 23.2231



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.



65.3401, 74.7908, 89.5908



76.1297, 88.4545, 107.6687



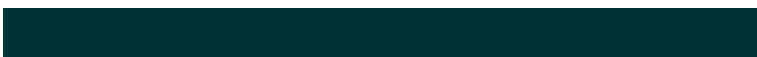
59.5458, 63.2022, 87.6594



15.4247, 16.9359, 19.3782



22.4811, 31.6091, 48.6593



1.7918, 2.5350, 3.8297

Inverse Universe

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



67.4590, 60.7517, 84.5181



79.0812, 69.0372, 100.5720



68.2051, 70.5028, 59.3054



15.6679, 15.2950, 18.8026



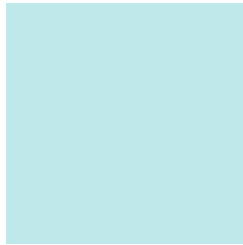
26.2027, 12.6838, 38.4643



2.0709, 1.0013, 3.0907

Previews

White Background



This preview shows how the XYZ color 65.3379, 74.7877, 89.5891 looks on a white background.

Color Contrast Check

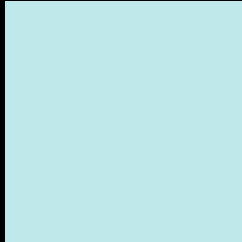
Large Text (above 18pt) WCAG AA × Fail

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 65.3379, 74.7877, 89.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

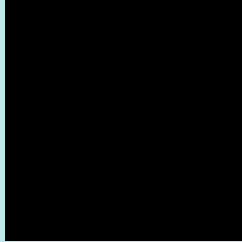
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3379, 74.7877, 89.5891

Background



This preview shows how black text looks on a background with the XYZ color 65.3379, 74.7877, 89.5891.

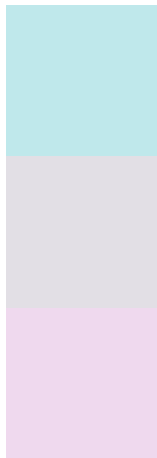


This preview shows how white text looks on a background with the XYZ color 65.3379, 74.7877,

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

65.3379, 74.7877, 89.5891

Protanopia

71.8946, 74.6012, 84.7390

Deuteranopia

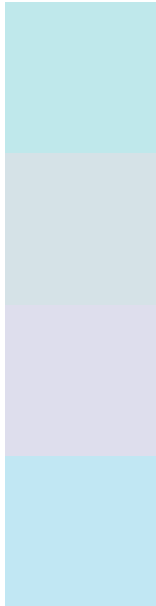
75.8421, 74.1495, 91.2039



Tritanopia

67.4882, 74.8403, 99.6955

Trichromacy



Original Color

65.3379, 74.7877, 89.5891

Protanomaly

69.0607, 74.3084, 86.3044

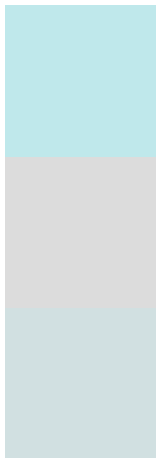
Deuteranomaly

71.5315, 73.8866, 90.6122

Tritanomaly

66.7459, 74.9603, 95.7449

Monochromacy



Original Color

65.3379, 74.7877, 89.5891

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.5408, 72.3029, 81.6829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3379, 74.7877, 89.5891 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(191, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(191, 232, 235)  
}
```

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(191, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 232, 235) }
```

Border

The CSS property to change the border of an element to XYZ 65.3379, 74.7877, 89.5891 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(191, 232, 235) }
```


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

```
.border{ border-color:rgb(191, 232, 235) }
```

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

Here you see how a box with a 4 pixel rgb(191, 232, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(191, 232,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3379, 74.7877, 89.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 232, 235) }
```

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

```
.background{ background-color: rgb(191,  
232, 235) }
```

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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