

Converting Colors

XYZ(66.5405, 72.0761, 95.4578)

Have a look what the booklet for
XYZ(66.5405, 72.0761, 95.4578)
contains.

XYZ(66.3865, 71.9245, 95.1779)	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(66.3865, 71.9245,
95.1779)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E0F3
RGB	199, 224, 243
RGB Percent	78%, 88%, 95%
CMY	0.2196, 0.1216, 0.0471
CMYK	0.18, 0.08, 0.00, 0.05
HSL	206°, 65%, 87%
HSV	206°, 18%, 95%
XYZ	66.3865, 71.9245, 95.1779
YIQ	218.6910, -20.9990, 0.6090

Conversions

Conversions Part 2

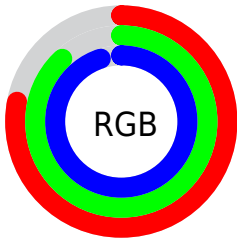
Format	Color
R _Y B	199, 215, 243
Decimal	13099251
CIE Lab	87.93, -4.36, -12.04
CIE LCh	88, 12.801, 250.097
Yxy	71.9245, 0.2843, 0.3080
Android (android.graphics.Color)	4291289331 (0xFFC7E0F3)
YUV	218.6910, 11.9843, -17.2690
Hunter-Lab	84.8083, -8.6878, -7.1736

Details

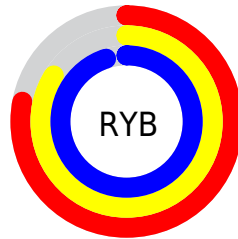
The XYZ color **66.3865, 71.9245, 95.1779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3429, 73.3210, 64.3738**, and the grayscale version is **67.0497, 70.5415, 76.8197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8347, 37.9835, 52.5093** is the 20% darker color. If you saturate the color by 10%, you get **57.7138, 63.3977, 93.9903**, and if you desaturate by 10%, it is **76.2670, 81.3359, 96.4749**.

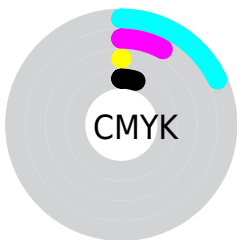
Distribution



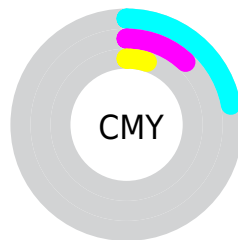
- Red (78%)
- Green (88%)
- Blue (95%)



- Red (78%)
- Yellow (84%)
- Blue (95%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3865, 71.9245, 95.1779 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 66.3865, 71.9245, 95.1779 by changing the saturation by 10% instead.

66.3865, 71.9245,
95.1779

66.3865, 71.9245,
95.1779

437.2248,
467.2788, 565.7332

48.8551, 53.0970,
71.6853

113.0955,
121.9492, 156.5081

34.7186, 37.8802,
52.4164

143.0039,
153.9152, 195.1827

23.6117, 25.8897,
36.9526

177.7686,
191.0294, 239.7552

15.1690, 16.7412,
24.8753

217.7550,
233.6764, 290.6440

9.0252, 10.0501,
15.7660

263.3284,
282.2404, 348.2676

4.8148, 5.4322,
9.2061

314.8543,

2.1727, 2.5030,

337.1058, 413.0447

4.7772

372.6980,
398.6572, 485.3937

■ 0.7283, 0.8781,
2.0607

■ 0.0000, 0.0000,
0.5922

■ 66.3865, 71.9245,
95.1779

■ 66.3865, 71.9245,
95.1779

■ 57.7138, 63.3977,
93.9903

■ 76.2670, 81.3359,
96.4749

■ 50.1907, 55.7154,
92.9040

■ 87.3974, 91.6527,
97.8796

■ 43.7633, 48.8469,
91.9170

■ 93.1779, 99.2512,
99.0416

■ 38.3707, 42.7559,
91.0255

■ 33.9454, 37.4025,
90.2255

■ 30.4111, 32.7424,
89.5123

■ 27.6782, 28.7237,
88.8806

■ 25.6240, 25.2779,
88.3238

■ 25.2785, 24.6724,
88.2251

Harmonies

Analogous

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



63.9766, 71.9245, 89.6283



66.3865, 71.9245, 95.1779



69.3947, 71.9245, 96.0259

Triad

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



66.3865, 71.9245, 95.1779



74.2953, 71.9245, 75.4078



64.6567, 71.9245, 66.1641

Complementary

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



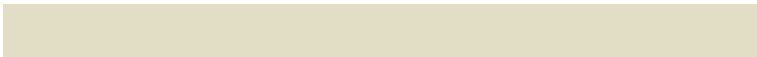
66.3865, 71.9245, 95.1779



72.3429, 73.3210, 64.3738

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.



67.3398, 71.9245, 62.9253



66.3865, 71.9245, 95.1779



72.9435, 71.9245, 67.9935

Square

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



66.3865, 71.9245, 95.1779



74.0216, 71.9245, 84.1669



70.3765, 71.9245, 63.5691



62.9987, 71.9245, 72.7381

Rectangle

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



66.3865, 71.9245, 95.1779



71.3431, 71.9245, 93.7497



70.3765, 71.9245, 63.5691



65.4653, 71.9245, 64.6722

Sweetspot

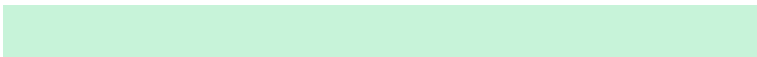
The Sweet Spot groups the original color and five complimentary colors.



66.3886, 71.9275, 95.1795



88.7828, 94.1994, 108.1107



68.1729, 81.2717, 77.9685



18.8208, 19.9925, 23.1169



0.0000, 0.0000, 0.0000



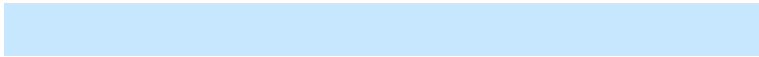
20.3446, 21.4041, 23.3091

Same Dimension

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



66.3886, 71.9275, 95.1795



70.0907, 76.3764, 105.6557



61.0096, 61.1693, 93.3865



16.3628, 17.4898, 21.0560



14.0102, 13.8141, 48.4660



1.3334, 1.4181, 4.2937

Inverse Universe

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



70.8418, 65.2850, 79.3919



76.0330, 67.8179, 84.5203



78.2364, 85.1079, 66.3383



16.8937, 16.6403, 19.1867



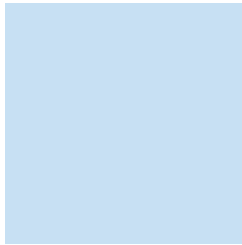
22.8762, 11.4939, 14.5884



2.0621, 1.0308, 1.5533

Previews

White Background



This preview shows how the XYZ color 66.3865, 71.9245, 95.1779 looks on a white background.

Color Contrast Check

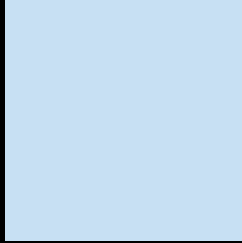
Large Text (above 18pt) WCAG AA × Fail

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 66.3865, 71.9245, 95.1779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

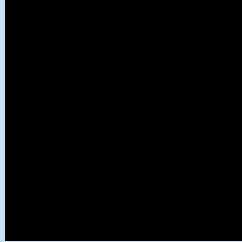
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

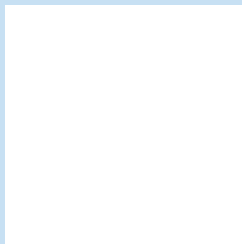
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3865, 71.9245, 95.1779

Background



This preview shows how black text looks on a background with the XYZ color 66.3865, 71.9245, 95.1779.



This preview shows how white text looks on a background with the XYZ color 66.3865, 71.9245,

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

66.3865, 71.9245, 95.1779

Protanopia

69.9731, 71.8597, 92.6204

Deuteranopia

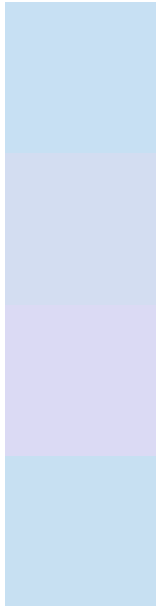
73.1611, 71.5087, 96.3328



Tritanopia

66.2359, 71.8642, 94.3846

Trichromacy



Original Color

66.3865, 71.9245, 95.1779

Protanomaly

68.5976, 71.9127, 93.4841

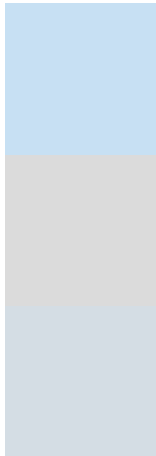
Deuteranomaly

70.6140, 71.7345, 95.7123

Tritanomaly

66.2359, 71.8642, 94.3846

Monochromacy



Original Color

66.3865, 71.9245, 95.1779

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0114, 71.3114, 83.6314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3865, 71.9245, 95.1779 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(199, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 243)  
}
```

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(199, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 243) }
```

Border

The CSS property to change the border of an element to XYZ 66.3865, 71.9245, 95.1779 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(199, 224, 243) }
```


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

```
.border{ border-color:rgb(199, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3865, 71.9245, 95.1779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 243) }
```

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

```
.background{ background-color: rgb(199,  
224, 243) }
```

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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