

Converting Colors

XYZ(66.1865, 79.3033, 60.5339)

Have a look what the booklet for
XYZ(66.1865, 79.3033, 60.5339)
contains.

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Color

**XYZ(66.1865, 79.3033,
60.5339)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFF0BE |
| RGB | 207, 240, 190 |
| RGB Percent | 81%, 94%, 75% |
| CMY | 0.1882, 0.0588, 0.2549 |
| CMYK | 0.14, 0.00, 0.21, 0.06 |
| HSL | 100°, 63%, 84% |
| HSV | 100°, 21%, 94% |
| XYZ | 66.1865, 79.3033, 60.5339 |
| YIQ | 224.4330, -3.6180, -22.5460 |

Conversions

Conversions Part 2

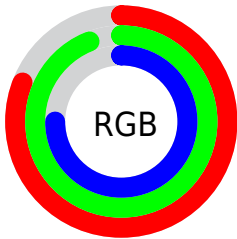
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 190, 240, 223 |
| Decimal | 13627582 |
| CIELab | 91.37, -19.63, 20.67 |
| CIELCh | 91, 28.504, 133.518 |
| Yxy | 79.3033, 0.3213, 0.3849 |
| Android (android.graphics.Color) | 4291817662 (0xFFCFF0BE) |
| YUV | 224.4330, -16.9755, -15.2887 |
| Hunter-Lab | 89.0524, -23.1750, 22.0339 |

Details

The XYZ color **66.1865, 79.3033, 60.5339** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.5763, 58.8084, 90.3899**, and the grayscale version is **71.2827, 74.9950, 81.6696**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **34.5333, 42.7340, 29.7209** is the 20% darker color. If you saturate the color by 10%, you get **59.5708, 76.1737, 47.6404**, and if you desaturate by 10%, it is **73.6825, 82.8415, 75.7266**.

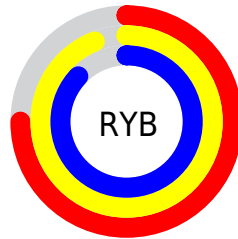
Distribution



Red (81%)

Green (94%)

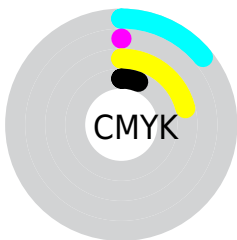
Blue (75%)



Red (75%)

Yellow (94%)

Blue (87%)

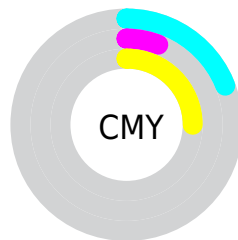


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (6%)



Cyan (19%)

Magenta (6%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1865, 79.3033, 60.5339 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 66.1865, 79.3033, 60.5339 by changing the saturation by 10% instead.

66.1865, 79.3033,
60.5339

66.1865, 79.3033,
60.5339

436.5217,
492.5818, 444.4221

48.6921, 59.1452,
43.4210

112.8102,
132.3858, 107.1547

34.5888, 42.7300,
29.8817

142.6702,
166.0789, 137.4997

23.5113, 29.6733,
19.4976

177.3828,
205.0526, 173.0925

15.0943, 19.5908,
11.8499

217.3133,
249.6911, 214.3516

8.9723, 12.0979,
6.5203

262.8271,
300.3789, 261.6956

4.7801, 6.8104,
3.0901

314.2895,

2.1523, 3.3438,

357.5003, 315.5430

1.1408

372.0659,
421.4398, 376.3123

■ 0.7174, 1.3138,
0.0000

■ 0.0000, 0.1518,
0.0000

■ 66.1865, 79.3033,
60.5339

■ 66.1865, 79.3033,
60.5339

■ 59.5708, 76.1737,
47.6404

■ 73.6825, 82.8415,
75.7266

■ 53.7950, 73.4272,
36.9292

■ 82.0847, 86.7924,
93.3177

■ 48.8245, 71.0512,
28.2806

■ 90.2773, 90.7135,
107.3591

■ 44.6201, 69.0280,
21.5617

■ 90.4517, 90.8034,
107.3672

■ 41.1383, 67.3388,
16.6237

■ 38.3309, 65.9623,
13.2964

■ 36.1421, 64.8741,
11.3760

■ 34.6059, 64.0989,
10.5484

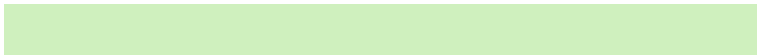
Harmonies

Analogous

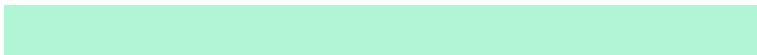
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1665, 79.3033, 53.0833



66.1865, 79.3033, 60.5339



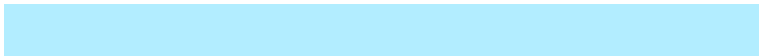
62.7940, 79.3033, 75.5191

Triad

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



66.1865, 79.3033, 60.5339



71.4929, 79.3033, 130.5193



89.7435, 79.3033, 77.3558

Complementary

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



66.1865, 79.3033, 60.5339



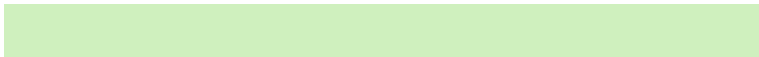
64.5763, 58.8084, 90.3899

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.



89.5342, 79.3033, 98.1651



66.1865, 79.3033, 60.5339



78.6780, 79.3033, 131.2236

Square

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



66.1865, 79.3033, 60.5339



65.7206, 79.3033, 116.8272



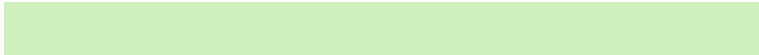
85.3777, 79.3033, 118.6204



85.9323, 79.3033, 61.6922

Rectangle

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



66.1865, 79.3033, 60.5339



62.3118, 79.3033, 88.8187



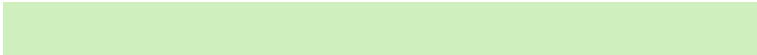
85.3777, 79.3033, 118.6204



90.1480, 79.3033, 83.9231

Sweetspot

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



66.1886, 79.3067, 60.5356



89.0654, 97.1882, 96.2696



71.4869, 74.7548, 59.3778



18.9292, 20.7390, 20.3246



0.0000, 0.0000, 0.0000



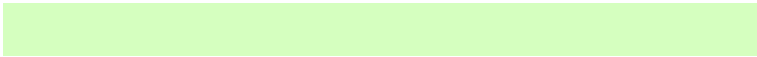
20.3446, 21.4041, 23.3091

Same Dimension

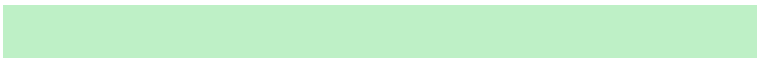
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1886, 79.3067, 60.5356



72.6095, 89.4271, 62.8688



62.5332, 77.3251, 64.7552



16.0724, 17.9175, 16.7610



19.0703, 35.1527, 5.7800



1.6890, 2.9772, 0.4856

Inverse Universe

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



64.5763, 58.8084, 90.3899



70.4468, 61.9696, 102.8561



68.9883, 61.2090, 84.8990



15.9021, 15.7467, 19.9229



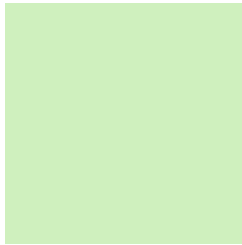
16.5208, 7.5222, 45.7091



1.4802, 0.6803, 3.8075

Previews

White Background



This preview shows how the XYZ color 66.1865, 79.3033, 60.5339 looks on a white background.

Color Contrast Check

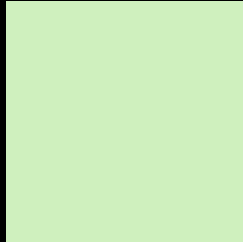
Large Text (above 18pt) WCAG AA × Fail

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 66.1865, 79.3033, 60.5339 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

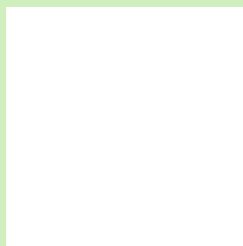
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1865, 79.3033, 60.5339

Background



This preview shows how black text looks on a background with the XYZ color 66.1865, 79.3033, 60.5339.

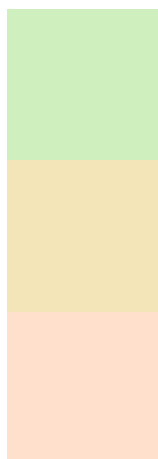


This preview shows how white text looks on a background with the XYZ color 66.1865, 79.3033, 60.5339.

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

66.1865, 79.3033, 60.5339

Protanopia

74.0845, 78.7745, 57.1993

Deuteranopia

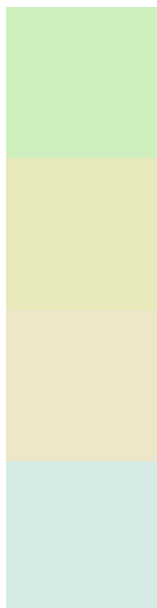
78.9151, 78.9791, 68.8428



Tritanopia

74.4308, 79.2143, 101.8094

Trichromacy



Original Color

66.1865, 79.3033, 60.5339

Protanomaly

71.0636, 78.8546, 58.4887

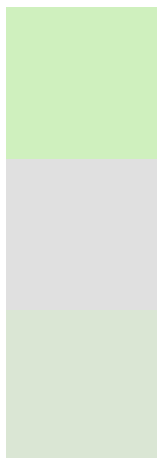
Deuteranomaly

73.9820, 78.9409, 65.9814

Tritanomaly

71.1525, 79.1642, 84.9289

Monochromacy



Original Color

66.1865, 79.3033, 60.5339

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.0939, 76.2525, 73.3639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1865, 79.3033, 60.5339 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(207, 240, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 240, 190)  
}
```

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(207, 240, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 240, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.1865, 79.3033, 60.5339 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(207, 240, 190) }
```


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

```
.border{ border-color:rgb(207, 240, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 240, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 240, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 240, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 240,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1865, 79.3033, 60.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 240, 190) }
```

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

```
.background{ background-color: rgb(207,  
240, 190) }
```

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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