

Converting Colors

XYZ(65.5784, 80.0527, 61.5986)

Have a look what the booklet for
XYZ(65.5784, 80.0527, 61.5986)
contains.

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Color

**XYZ(65.6237, 79.8666,
61.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF2C0
RGB	202, 242, 192
RGB Percent	79%, 95%, 75%
CMY	0.2078, 0.0510, 0.2471
CMYK	0.17, 0.00, 0.21, 0.05
HSL	108°, 66%, 85%
HSV	108°, 21%, 95%
XYZ	65.6237, 79.8666, 61.8262
YIQ	224.3400, -7.7900, -24.0300

Conversions

Conversions Part 2

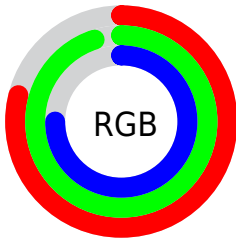
Format	Color
RYB	192, 242, 232
Decimal	13300416
CIELab	91.62, -21.98, 19.94
CIElCh	92, 29.680, 137.779
Yxy	79.8666, 0.3165, 0.3852
Android (android.graphics.Color)	4291490496 (0xFFCAF2C0)
YUV	224.3400, -15.9436, -19.5922
Hunter-Lab	89.3681, -25.3203, 21.5400

Details

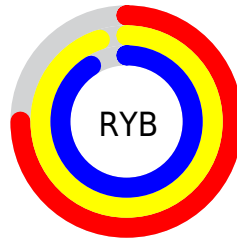
The XYZ color **65.6237, 79.8666, 61.8262** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.1586, 61.2681, 92.2422**, and the grayscale version is **71.2111, 74.9196, 81.5874**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **34.1790, 43.1558, 30.5732** is the 20% darker color. If you saturate the color by 10%, you get **58.2460, 76.3504, 48.6161**, and if you desaturate by 10%, it is **74.1038, 83.9049, 77.3927**.

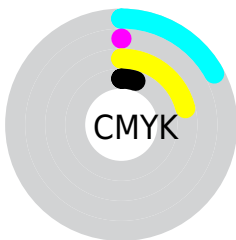
Distribution



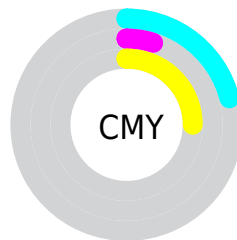
- Red (79%)
- Green (95%)
- Blue (75%)



- Red (75%)
- Yellow (95%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6237, 79.8666, 61.8262 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 65.6237, 79.8666, 61.8262 by changing the saturation by 10% instead.

65.6237, 79.8666,
61.8262

65.6237, 79.8666,
61.8262

434.5398,
494.4832, 449.2870

48.2336, 59.6086,
44.4574

112.0068,
133.1782, 109.0435

34.2239, 43.1032,
30.6904

141.7305,
167.0005, 139.7290

23.2294, 29.9661,
20.1067

176.2961,
206.1131, 175.6905

14.8846, 19.8129,
12.2878

216.0689,
250.9003, 217.3466

8.8242, 12.2591,
6.8151

261.4143,
301.7465, 265.1157

4.6829, 6.9204,
3.2700

312.6977,

2.0953, 3.4124,

359.0361, 319.4165

1.2341

370.2844,
423.1535, 380.6674

0.6866, 1.3506,
0.0069

0.0000, 0.1799,
0.0000

65.6237, 79.8666,
61.8262

65.6237, 79.8666,
61.8262

58.2460, 76.3504,
48.6161

74.1038, 83.9049,
77.3927

51.9187, 73.3249,
37.6426

83.7232, 88.4748,
95.4170

46.5948, 70.7709,
28.7835

91.0437, 91.9874,
107.5646

42.2212, 68.6640,
21.9024

■ 38.7397, 66.9775,
16.8473

■ 36.0853, 65.6816,
13.4440

■ 34.1832, 64.7425,
11.4846

■ 32.9913, 64.1454,
10.6425

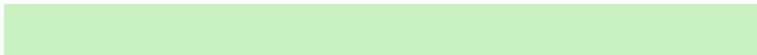
Harmonies

Analogous

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



71.5480, 79.8666, 52.9706



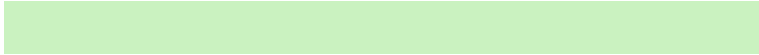
65.6237, 79.8666, 61.8262



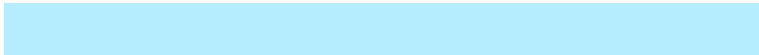
62.5425, 79.8666, 78.4240

Triad

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



65.6237, 79.8666, 61.8262



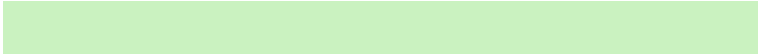
72.8682, 79.8666, 134.4517



90.6477, 79.8666, 74.8314

Complementary

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



65.6237, 79.8666, 61.8262



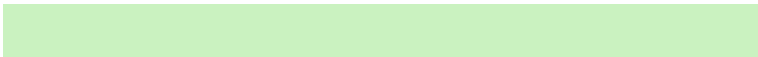
68.1586, 61.2681, 92.2422

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.



91.0600, 79.8666, 96.0964



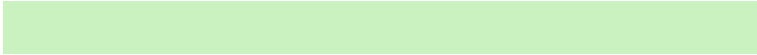
65.6237, 79.8666, 61.8262



80.4474, 79.8666, 133.0560

Square

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



65.6237, 79.8666, 61.8262



66.5346, 79.8666, 121.6688



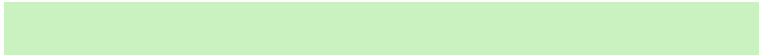
87.2204, 79.8666, 118.1240



86.1289, 79.8666, 59.5745

Rectangle

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



65.6237, 79.8666, 61.8262



62.3703, 79.8666, 92.7327



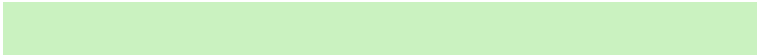
87.2204, 79.8666, 118.1240



91.2816, 79.8666, 81.4342

Sweetspot

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



65.6258, 79.8700, 61.8279



88.3228, 96.8054, 96.2348



74.9924, 80.3999, 61.4366



18.7541, 20.6488, 20.3164



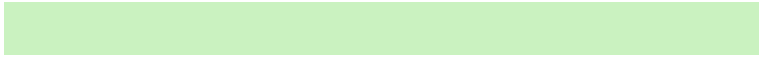
0.0000, 0.0000, 0.0000



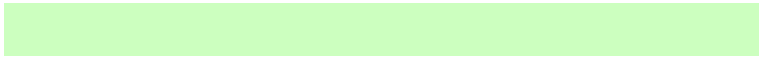
20.3446, 21.4041, 23.3091

Same Dimension

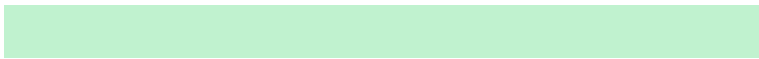
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6258, 79.8700, 61.8279



70.0928, 88.1297, 62.7510



64.7553, 79.2193, 70.9113



15.8611, 17.8085, 16.7511



17.8103, 34.5031, 5.7211



1.5599, 2.9107, 0.4796

Inverse Universe

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



68.1586, 61.2681, 92.2422



73.4398, 63.5126, 102.9962



69.3356, 62.1246, 81.0131



16.1266, 15.8625, 19.9334



20.6219, 9.6364, 45.9010



1.7932, 0.8417, 3.8222

Previews

White Background



This preview shows how the XYZ color 65.6237, 79.8666, 61.8262 looks on a white background.

Color Contrast Check

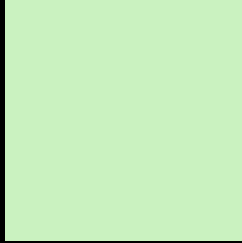
Large Text (above 18pt) WCAG AA × Fail

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 65.6237, 79.8666, 61.8262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

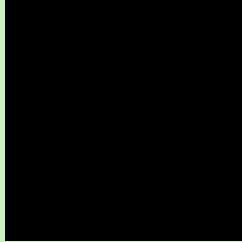
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

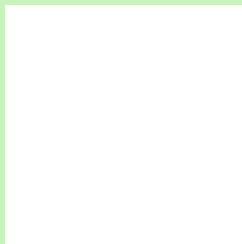
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6237, 79.8666, 61.8262

Background



This preview shows how black text looks on a background with the XYZ color 65.6237, 79.8666, 61.8262.



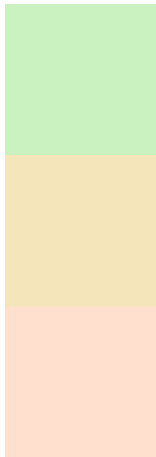
This preview shows how white text looks on a background with the XYZ color 65.6237, 79.8666, 61.8262.

61.8262.

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

65.6237, 79.8666, 61.8262

Protanopia

74.4680, 79.3719, 57.8498

Deuteranopia

79.1581, 79.0763, 70.1227



Tritanopia

74.1449, 79.8710, 103.6042

Trichromacy



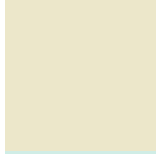
Original Color

65.6237, 79.8666, 61.8262



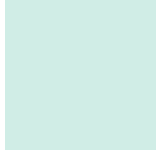
Protanomaly

70.8130, 79.1345, 59.1192



Deuteranomaly

73.8287, 79.2490, 67.2825



Tritanomaly

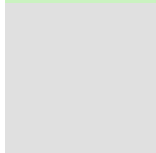
70.5795, 79.6914, 86.5250

Monochromacy



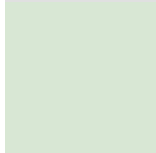
Original Color

65.6237, 79.8666, 61.8262



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.7785, 76.5042, 73.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6237, 79.8666, 61.8262 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(202, 242, 192)` looks like.

```
.text, #text, p{  
    color:rgb(202, 242, 192)  
}
```

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(202, 242, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 242, 192) }
```

Border

The CSS property to change the border of an element to XYZ 65.6237, 79.8666, 61.8262 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(202, 242, 192) }
```


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

```
.border{ border-color:rgb(202, 242, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 242, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 242, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 242, 192);  
box-shadow:4px 4px 4px 4px rgb(202, 242,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6237, 79.8666, 61.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 242, 192) }
```

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

```
.background{ background-color: rgb(202,  
242, 192) }
```

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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