

Converting Colors

XYZ(57.0808, 65.2092, 66.0731)

Have a look what the booklet for
XYZ(57.0808, 65.2092, 66.0731)
contains.

XYZ(57.0861, 65.4018, 66.1150)	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(57.0861, 65.4018,
66.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDACB
RGB	190, 218, 203
RGB Percent	75%, 85%, 80%
CMY	0.2549, 0.1451, 0.2039
CMYK	0.13, 0.00, 0.07, 0.15
HSL	148°, 27%, 80%
HSV	148°, 13%, 85%
XYZ	57.0861, 65.4018, 66.1150
YIQ	207.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

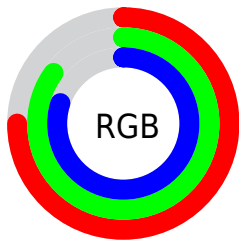
Format	Color
RYB	190, 209, 218
Decimal	12507851
CIELab	84.69, -12.15, 4.24
CIELCh	85, 12.871, 160.746
Yxy	65.4018, 0.3027, 0.3468
Android (android.graphics.Color)	4290697931 (0xFFBEDACB)
YUV	207.9180, -2.4246, -15.7141
Hunter-Lab	80.8714, -15.5240, 8.1384

Details

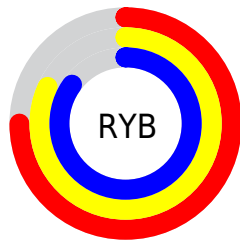
The XYZ color **57.0861, 65.4018, 66.1150** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3487, 56.1417, 65.5217**, and the grayscale version is **59.9233, 63.0440, 68.6549**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.6754, 33.5986, 33.4076** is the 20% darker color. If you saturate the color by 10%, you get **50.7034, 62.2680, 58.8227**, and if you desaturate by 10%, it is **64.3918, 69.0029, 74.0007**.

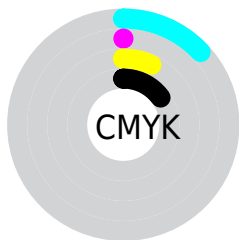
Distribution



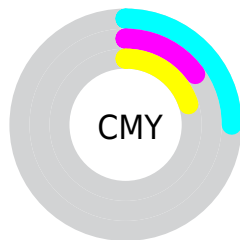
- Red (75%)
- Green (85%)
- Blue (80%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0861, 65.4018, 66.1150 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 57.0861, 65.4018, 66.1150 by changing the saturation by 10% instead.

■ 57.0861, 65.4018,
66.1150

■ 57.0861, 65.4018,
66.1150

403.7808,
444.2345, 465.2035

■ 41.3148, 47.7870,
47.9087

■ 99.7214, 112.6273,
115.2799

■ 28.7539, 33.6582,
33.3951

127.3162,
143.0068, 147.0757

■ 19.0381, 22.6311,
22.1557

159.5828,
178.4099, 184.2383

■ 11.8020, 14.3214,
13.7719

196.8865,
219.2211, 227.1863

■ 6.6802, 8.3445,
7.8253

239.5929,
265.8248, 276.3383

■ 3.3075, 4.3162,
3.8972

288.0671,

■ 1.3184, 1.8520,

318.6053, 332.1128

1.5691

342.6747,
377.9471, 394.9284

■ 0.1969, 0.5193,
0.2686

■ 0.0000, 0.0000,
0.0000

■ 57.0861, 65.4018,
66.1150

■ 57.0861, 65.4018,
66.1150

■ 50.7034, 62.2680,
58.8227

■ 64.3918, 69.0029,
74.0007

■ 45.1998, 59.5738,
52.1056

■ 72.6511, 73.0814,
82.4888

■ 40.5362, 57.3010,
45.9509

■ 81.7514, 77.5808,
91.5866

■ 36.6679, 55.4269,
40.3437

■ 83.5243, 78.2900,
100.9228

■ 33.5461, 53.9267,
35.2683

■ 84.3627, 78.6254,
105.3376

■ 31.1164, 52.7725,
30.7083

■ 29.3161, 51.9325,
26.6460

■ 28.0703, 51.3683,
23.0629

■ 27.4317, 51.0890,
20.7802

Harmonies

Analogous

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



58.6221, 65.4018, 59.8730



57.0861, 65.4018, 66.1150



56.8857, 65.4018, 74.2056

Triad

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



57.0861, 65.4018, 66.1150



63.1993, 65.4018, 87.9337



66.4473, 65.4018, 61.3655

Complementary

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



57.0861, 65.4018, 66.1150



58.3487, 56.1417, 65.5217

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.



67.7558, 65.4018, 68.2989



57.0861, 65.4018, 66.1150



65.8426, 65.4018, 83.8979

Square

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



57.0861, 65.4018, 66.1150



60.3565, 65.4018, 87.2355



67.5312, 65.4018, 76.5633



64.0041, 65.4018, 57.2806

Rectangle

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



57.0861, 65.4018, 66.1150



57.5294, 65.4018, 79.6196



67.5312, 65.4018, 76.5633



67.0378, 65.4018, 63.4171

Sweetspot

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



57.0879, 65.4046, 66.1164



90.5290, 97.7695, 104.1609



59.6553, 66.8997, 58.4848



19.2002, 20.8396, 22.1073



0.0000, 0.0000, 0.0000



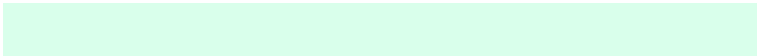
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0879, 65.4046, 66.1164



79.2253, 92.2031, 91.8458



58.7813, 66.0819, 75.0334



13.1368, 14.7063, 15.1832



16.4869, 30.6274, 12.7291



1.1113, 2.0015, 1.0523

Inverse Universe

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



58.3487, 56.1417, 65.5217



81.3101, 76.8856, 90.8619



56.7769, 55.5130, 57.2449



13.3462, 13.1676, 15.0844



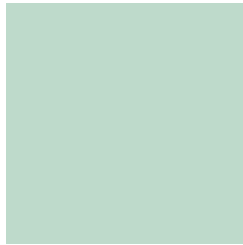
19.2936, 9.7185, 11.1920



1.2933, 0.6470, 0.9535

Previews

White Background



This preview shows how the XYZ color 57.0861, 65.4018, 66.1150 looks on a white background.

Color Contrast Check

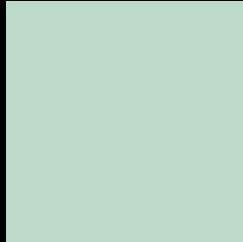
Large Text (above 18pt) WCAG AA × Fail

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 57.0861, 65.4018, 66.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

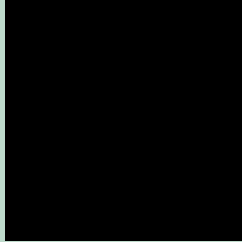
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

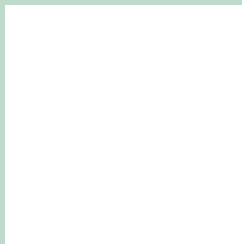
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0861, 65.4018, 66.1150

Background



This preview shows how black text looks on a background with the XYZ color 57.0861, 65.4018, 66.1150.

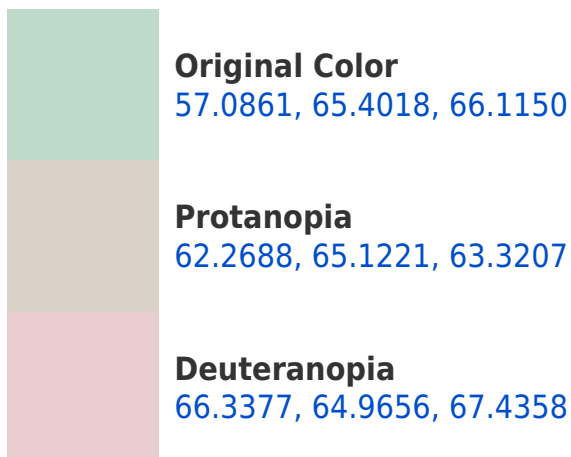


This preview shows how white text looks on a background with the XYZ color 57.0861, 65.4018,

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





Tritanopia

60.9760, 65.4648, 85.0235

Trichromacy



Original Color

57.0861, 65.4018, 66.1150

Protanomaly

60.2320, 65.1685, 64.0478

Deuteranomaly

62.4352, 64.7604, 66.9669

Tritanomaly

59.3439, 65.1588, 77.8558

Monochromacy



Original Color

57.0861, 65.4018, 66.1150

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7715, 63.9607, 67.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0861, 65.4018, 66.1150 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(190, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 203)  
}
```

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(190, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.0861, 65.4018, 66.1150 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(190, 218, 203) }
```


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

```
.border{ border-color:rgb(190, 218, 203) }
```

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

Here you see how a box with a 4 pixel rgb(190, 218, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0861, 65.4018, 66.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 203) }
```

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

```
.background{ background-color: rgb(190,  
218, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor