

Converting Colors

XYZ(56.4379, 63.5677, 67.5622)

Have a look what the booklet for
XYZ(56.4379, 63.5677, 67.5622)
contains.

XYZ(56.4224, 63.4965, 67.6748)	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(56.4224, 63.4965,
67.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	BED6CE
RGB	190, 214, 206
RGB Percent	75%, 84%, 81%
CMY	0.2549, 0.1608, 0.1922
CMYK	0.11, 0.00, 0.04, 0.16
HSL	160°, 23%, 79%
HSV	160°, 11%, 84%
XYZ	56.4224, 63.4965, 67.6748
YIQ	205.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

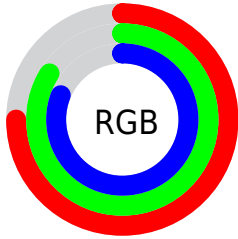
Format	Color
RYB	190, 204, 214
Decimal	12506830
CIELab	83.70, -9.54, 1.22
CIELCh	84, 9.614, 172.707
Yxy	63.4965, 0.3008, 0.3385
Android (android.graphics.Color)	4290696910 (0xFFBED6CE)
YUV	205.9120, 0.0434, -13.9548
Hunter-Lab	79.6847, -13.0576, 5.4253

Details

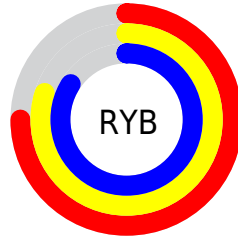
The XYZ color **56.4224, 63.4965, 67.6748** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3404, 55.2020, 61.1147**, and the grayscale version is **58.6165, 61.6692, 67.1577**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.2190, 32.2975, 34.4525** is the 20% darker color. If you saturate the color by 10%, you get **50.6178, 60.6038, 62.9812**, and if you desaturate by 10%, it is **63.0548, 66.8149, 72.6152**.

Distribution



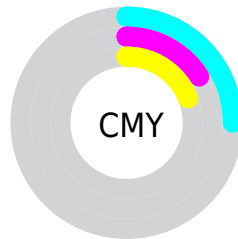
- Red (75%)
- Green (84%)
- Blue (81%)



- Red (75%)
- Yellow (80%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4224, 63.4965, 67.6748 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 56.4224, 63.4965, 67.6748 by changing the saturation by 10% instead.

■ 56.4224, 63.4965,
67.6748

■ 56.4224, 63.4965,
67.6748

401.3307,
437.3691, 470.9097

■ 40.7800, 46.2430,
49.1682

■ 98.7581, 109.8855,
117.5366

■ 28.3341, 32.4376,
34.3864

126.1822,
139.7898, 149.7289

■ 18.7194, 21.6960,
22.9108

158.2642,
174.6798, 187.3201

■ 11.5705, 13.6337,
14.3230

195.3695,
214.9398, 230.7289

■ 6.5221, 7.8663,
8.2043

237.8634,
260.9544, 280.3736

■ 3.2087, 4.0095,
4.1363

286.1114,

■ 1.2651, 1.6789,

313.1079, 336.6730

1.7004

340.4787,
371.7847, 400.0455

■ 0.1568, 0.4099,
0.3610

■ 0.0000, 0.0000,
0.0000

■ 56.4224, 63.4965,
67.6748

■ 56.4224, 63.4965,
67.6748

■ 50.6178, 60.6038,
62.9812

■ 63.0548, 66.8149,
72.6152

■ 45.6011, 58.1110,
58.5260

■ 70.5421, 70.5677,
77.8024

■ 41.3368, 56.0017,
54.3060

■ 78.9167, 74.7733,
83.2418

■ 37.7850, 54.2552,
50.3165

■ 80.2172, 75.3273,
88.5634

■ 34.9014, 52.8490,
46.5527

■ 81.2665, 75.7470,
94.0890

■ 32.6371, 51.7578,
43.0093

■ 82.3576, 76.1834,
99.8347

■ 30.9358, 50.9527,
39.6807

■ 83.3377, 76.5755,
104.9959

■ 29.7307, 50.3992,
36.5606

■ 28.9792, 50.0681,
33.9847

Harmonies

Analogous

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



57.1863, 63.4965, 62.3441



56.4224, 63.4965, 67.6748



56.6917, 63.4965, 73.7121

Triad

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



56.4224, 63.4965, 67.6748



61.9286, 63.4965, 80.3993



62.8390, 63.4965, 60.3131

Complementary

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



56.4224, 63.4965, 67.6748



56.3404, 55.2020, 61.1147

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.



64.1656, 63.4965, 64.7550



56.4224, 63.4965, 67.6748



63.6315, 63.4965, 76.4061

Square

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



56.4224, 63.4965, 67.6748



59.8388, 63.4965, 81.2931



64.4589, 63.4965, 70.6199



60.8671, 63.4965, 58.2573

Rectangle

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



56.4224, 63.4965, 67.6748



57.4238, 63.4965, 77.3068



64.4589, 63.4965, 70.6199



63.3771, 63.4965, 61.5639

Sweetspot

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



56.4242, 63.4992, 67.6762



91.8833, 98.4146, 106.6224



56.7373, 63.8738, 58.0548



19.4899, 20.9762, 22.6925



0.0000, 0.0000, 0.0000



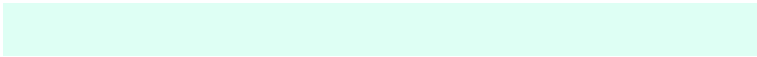
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4242, 63.4992, 67.6762



82.1594, 93.5544, 99.2733



56.5204, 62.0957, 72.6281



12.6080, 14.0342, 15.0160



17.5653, 30.2815, 20.8043



1.0971, 1.8415, 1.4533

Inverse Universe

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



56.3404, 55.2020, 61.1147



82.0156, 79.3006, 88.0020



56.2308, 56.4214, 56.6431



12.5923, 12.4884, 13.7935



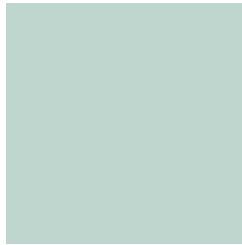
17.4996, 8.9362, 4.6689



1.0934, 0.5541, 0.4811

Previews

White Background



This preview shows how the XYZ color 56.4224, 63.4965, 67.6748 looks on a white background.

Color Contrast Check

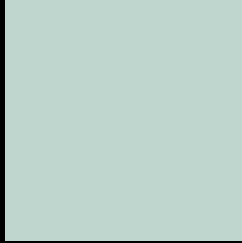
Large Text (above 18pt) WCAG AA × Fail

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 56.4224, 63.4965, 67.6748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

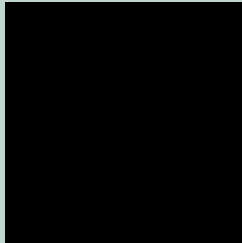
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

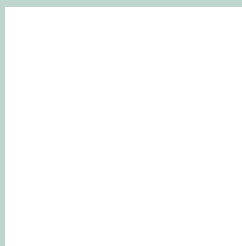
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4224, 63.4965, 67.6748

Background



This preview shows how black text looks on a background with the XYZ color 56.4224, 63.4965, 67.6748.



This preview shows how white text looks on a background with the XYZ color 56.4224, 63.4965,

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

56.4224, 63.4965, 67.6748

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.5006, 63.2891, 68.4910



Tritanopia

59.4075, 63.6039, 81.8187

Trichromacy



Original Color

56.4224, 63.4965, 67.6748

Protanomaly

59.0029, 63.3841, 65.6245

Deuteranomaly

61.0653, 62.9437, 67.9624

Tritanomaly

58.3220, 63.5389, 76.2082

Monochromacy



Original Color

56.4224, 63.4965, 67.6748

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7605, 62.3365, 67.3804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4224, 63.4965, 67.6748 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, 214, 206) looks like.

```
.text, #text, p{  
    color:rgb(190, 214, 206)  
}
```

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, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 214, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.4224, 63.4965, 67.6748 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, 214, 206) }
```


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

```
.border{ border-color:rgb(190, 214, 206) }
```

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

Here you see how a box with a 4 pixel rgb(190, 214, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(190, 214,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4224, 63.4965, 67.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 214, 206) }
```

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

```
.background{ background-color: rgb(190,  
214, 206) }
```

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