

Converting Colors

XYZ(56.9022, 64.9269, 65.1120)

Have a look what the booklet for
XYZ(56.9022, 64.9269, 65.1120)
contains.

XYZ(56.9594, 64.9663, 65.4148)	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(56.9594, 64.9663,
65.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9CA
RGB	191, 217, 202
RGB Percent	75%, 85%, 79%
CMY	0.2510, 0.1490, 0.2078
CMYK	0.12, 0.00, 0.07, 0.15
HSL	145°, 25%, 80%
HSV	145°, 12%, 85%
XYZ	56.9594, 64.9663, 65.4148
YIQ	207.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

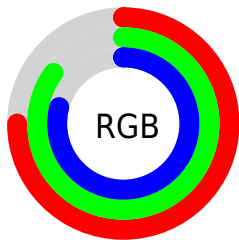
Format	Color
RYB	191, 209, 217
Decimal	12573130
CIELab	84.47, -11.50, 4.46
CIELCh	84, 12.332, 158.807
Yxy	64.9663, 0.3040, 0.3468
Android (android.graphics.Color)	4290763210 (0xFFBFD9CA)
YUV	207.5160, -2.7194, -14.4845
Hunter-Lab	80.6017, -14.9110, 8.3025

Details

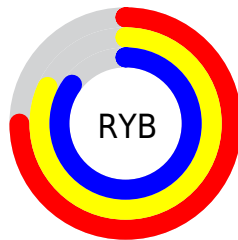
The XYZ color **56.9594, 64.9663, 65.4148** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3890, 56.4713, 66.2182**, and the grayscale version is **59.6645, 62.7717, 68.3584**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.5822, 33.2971, 32.9375** is the 20% darker color. If you saturate the color by 10%, you get **50.4786, 61.7915, 57.6848**, and if you desaturate by 10%, it is **64.3727, 68.6115, 73.8191**.

Distribution



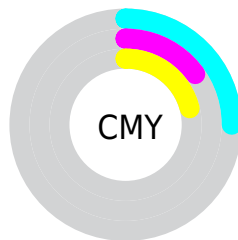
- Red (75%)
- Green (85%)
- Blue (79%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9594, 64.9663, 65.4148 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 56.9594, 64.9663, 65.4148 by changing the saturation by 10% instead.

■ 56.9594, 64.9663,
65.4148

■ 56.9594, 64.9663,
65.4148

403.3138,
442.6709, 462.6280

■ 41.2127, 47.4338,
47.3440

■ 99.5376, 112.0014,
114.2650

■ 28.6737, 33.3787,
32.9514

127.0999,
142.2728, 145.8815

■ 18.9772, 22.4167,
21.8184

159.3313,
177.5592, 182.8503

■ 11.7577, 14.1634,
13.5265

196.5972,
218.2450, 225.5900

■ 6.6499, 8.2344,
7.6571

239.2631,
264.7147, 274.5190

■ 3.2885, 4.2453,
3.7917

287.6943,

■ 1.3081, 1.8117,

317.3527, 330.0560

1.5118

342.2560,
376.5432, 392.6195

■ 0.1893, 0.4945,
0.2267

■ 0.0000, 0.0000,
0.0000

■ 56.9594, 64.9663,
65.4148

■ 56.9594, 64.9663,
65.4148

■ 50.4786, 61.7915,
57.6848

■ 64.3727, 68.6115,
73.8191

■ 44.8866, 59.0596,
50.6082

■ 72.7491, 72.7372,
82.9095

■ 40.1442, 56.7524,
44.1690

■ 81.7174, 77.1535,
92.6836

■ 36.2071, 54.8475,
38.3494

■ 83.6381, 77.9217,
102.7975

■ 33.0267, 53.3202,
33.1302

■ 84.1041, 78.1081,
105.2514

■ 30.5490, 52.1430,
28.4915

■ 28.7121, 51.2844,
24.4120

■ 27.4426, 50.7071,
20.8690

■ 26.7370, 50.3973,
18.3976

Harmonies

Analogous

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



58.5011, 64.9663, 59.6051



56.9594, 64.9663, 65.4148



56.6807, 64.9663, 73.0757

Triad

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



56.9594, 64.9663, 65.4148



62.5597, 64.9663, 86.7424



65.9513, 64.9663, 61.6852

Complementary

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



56.9594, 64.9663, 65.4148



58.3890, 56.4713, 66.2182

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.



67.1098, 64.9663, 68.4493



56.9594, 64.9663, 65.4148



65.1139, 64.9663, 83.1758

Square

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



56.9594, 64.9663, 65.4148



59.8610, 64.9663, 85.7794



66.7988, 64.9663, 76.3409



63.6753, 64.9663, 57.5652

Rectangle

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



56.9594, 64.9663, 65.4148



57.2404, 64.9663, 78.2699



66.7988, 64.9663, 76.3409



66.4873, 64.9663, 63.7041

Sweetspot

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



56.9612, 64.9690, 65.4162



90.4633, 97.7432, 103.8149



59.7191, 66.5359, 58.9864



19.1836, 20.8329, 22.0198



0.0000, 0.0000, 0.0000



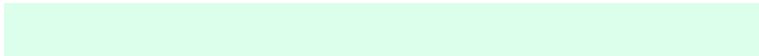
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9612, 64.9690, 65.4162



79.9729, 92.5903, 91.8017



58.5452, 65.6027, 73.7576



13.1139, 14.6972, 15.0629



16.2347, 30.5265, 11.4013



1.0942, 1.9946, 0.9623

Inverse Universe

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



58.3890, 56.4713, 66.2182



82.3629, 78.3649, 93.1436



56.8923, 55.8726, 58.3367



13.3694, 13.1769, 15.2065



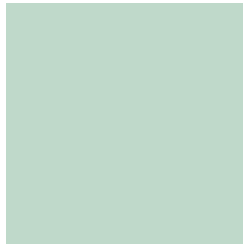
19.6247, 9.8509, 12.9357



1.3141, 0.6553, 1.0631

Previews

White Background



This preview shows how the XYZ color 56.9594, 64.9663, 65.4148 looks on a white background.

Color Contrast Check

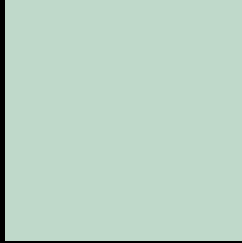
Large Text (above 18pt) WCAG AA × Fail

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 56.9594, 64.9663, 65.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

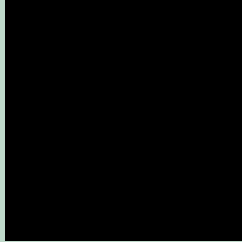
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

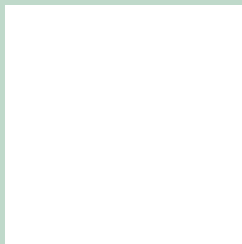
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9594, 64.9663, 65.4148

Background



This preview shows how black text looks on a background with the XYZ color 56.9594, 64.9663, 65.4148.



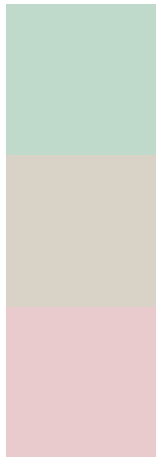
This preview shows how white text looks on a background with the XYZ color 56.9594, 64.9663,

65.4148.

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

56.9594, 64.9663, 65.4148

Protanopia

61.8549, 64.9221, 62.6972

Deuteranopia

65.9797, 64.4433, 66.7189



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

56.9594, 64.9663, 65.4148

Protanomaly

60.1155, 65.1219, 63.4342

Deuteranomaly

62.3684, 64.3768, 66.2655

Tritanomaly

59.2130, 64.7298, 77.0834

Monochromacy



Original Color

56.9594, 64.9663, 65.4148

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7920, 63.6013, 67.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9594, 64.9663, 65.4148 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(191, 217, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 202)  
}
```

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(191, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.9594, 64.9663, 65.4148 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(191, 217, 202) }
```


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

```
.border{ border-color:rgb(191, 217, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9594, 64.9663, 65.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 202) }
```

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

```
.background{ background-color: rgb(191,  
217, 202) }
```

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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