

Converting Colors

XYZ(56.4558, 65.9489, 62.8111)

Have a look what the booklet for
XYZ(56.4558, 65.9489, 62.8111)
contains.

XYZ(56.4103, 65.9090, 62.5719)	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(56.4103, 65.9090,
62.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCC5
RGB	188, 220, 197
RGB Percent	74%, 86%, 77%
CMY	0.2627, 0.1372, 0.2274
CMYK	0.15, 0.00, 0.10, 0.14
HSL	137°, 31%, 80%
HSV	137°, 15%, 86%
XYZ	56.4103, 65.9090, 62.5719
YIQ	207.8100, -11.6890, -13.9370

Conversions

Conversions Part 2

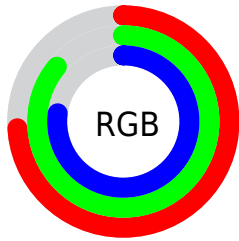
Format	Color
R _{YB}	188, 213, 220
Decimal	12377285
CIE Lab	84.95, -14.94, 7.77
CIE LCh	85, 16.842, 152.515
Yxy	65.9090, 0.3051, 0.3565
Android (android.graphics.Color)	4290567365 (0xFFBCDCC5)
YUV	207.8100, -5.3293, -17.3734
Hunter-Lab	81.1844, -18.0433, 11.1320

Details

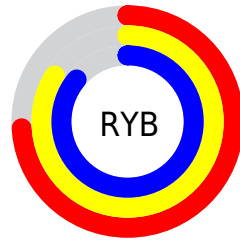
The XYZ color **56.4103, 65.9090, 62.5719** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2587, 55.8869, 69.2951**, and the grayscale version is **59.8715, 62.9895, 68.5956**.

A 20% lighter version of the original color is **90.9576, 97.9089, 107.8703**, and **28.2446, 33.9618, 31.0532** is the 20% darker color. If you saturate the color by 10%, you get **49.6804, 62.6400, 53.2897**, and if you desaturate by 10%, it is **64.1602, 69.6856, 72.8968**.

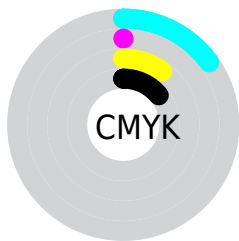
Distribution



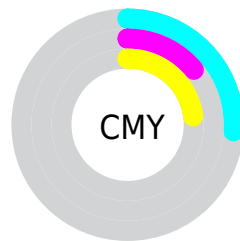
- Red (74%)
- Green (86%)
- Blue (77%)



- Red (74%)
- Yellow (84%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4103, 65.9090, 62.5719 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 56.4103, 65.9090, 62.5719 by changing the saturation by 10% instead.

■ 56.4103, 65.9090,
62.5719

■ 56.4103, 65.9090,
62.5719

401.2859,
446.0514, 452.0793

■ 40.7703, 48.1985,
45.0562

■ 98.7406, 113.3557,
110.1313

■ 28.3265, 33.9841,
31.1584

126.1615,
143.8608, 141.0120

■ 18.7136, 22.8814,
20.4600

158.2401,
179.3994, 177.1848

■ 11.5663, 14.5060,
12.5425

195.3418,
220.3562, 219.0683

■ 6.5192, 8.4734,
6.9873

237.8318,
267.1153, 267.0809

■ 3.2069, 4.3993,
3.3758

286.0756,

■ 1.2641, 1.8994,

320.0613, 321.6413

1.2896

340.4386,
379.5785, 383.1679

■ 0.1561, 0.5480,
0.0532

■ 0.0000, 0.0000,
0.0000

■ 56.4103, 65.9090,
62.5719

■ 56.4103, 65.9090,
62.5719

■ 49.6804, 62.6400,
53.2897

■ 64.1602, 69.6856,
72.8968

■ 43.9219, 59.8486,
45.0135

■ 72.9650, 73.9816,
84.2912

■ 39.0903, 57.5144,
37.7105

■ 82.8649, 78.8189,
96.7862

■ 35.1355, 55.6124,
31.3447

■ 84.8845, 79.6689,
105.5115

■ 32.0024, 54.1151,
25.8778

■ 29.6296, 52.9914,
21.2687

■ 27.9463, 52.2058,
17.4732

■ 26.8672, 51.7156,
14.4426

■ 26.4604, 51.5353,
13.0916

Harmonies

Analogous

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



58.8152, 65.9090, 55.5907



56.4103, 65.9090, 62.5719



55.6546, 65.9090, 72.6818

Triad

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



56.4103, 65.9090, 62.5719



62.9643, 65.9090, 94.6537



68.9810, 65.9090, 61.1378

Complementary

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



56.4103, 65.9090, 62.5719



59.2587, 55.8869, 69.2951

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.



70.1965, 65.9090, 70.8534



56.4103, 65.9090, 62.5719



66.6365, 65.9090, 90.8037

Square

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



56.4103, 65.9090, 62.5719



59.3469, 65.9090, 91.8774



69.3219, 65.9090, 81.8143



66.0621, 65.9090, 54.8231

Rectangle

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



56.4103, 65.9090, 62.5719



56.1621, 65.9090, 80.0405



69.3219, 65.9090, 81.8143



69.6075, 65.9090, 64.0781

Sweetspot

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



56.4121, 65.9118, 62.5734



90.2383, 97.6533, 102.6304



61.6707, 68.7383, 57.5952



19.1268, 20.8102, 21.7206



0.0000, 0.0000, 0.0000



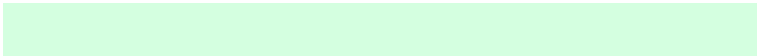
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4121, 65.9118, 62.5734



76.2436, 90.8383, 83.9232



58.2855, 66.6611, 72.4383



13.0363, 14.6661, 14.6541



15.5698, 30.2605, 7.9000



1.0451, 1.9750, 0.7038

Inverse Universe

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



59.2587, 55.8869, 69.2951



80.8449, 74.6317, 94.7871



57.4037, 55.1449, 59.5267



13.4501, 13.2091, 15.6313



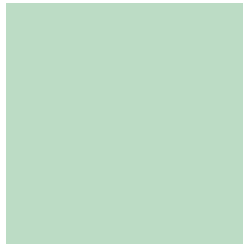
21.0006, 10.4013, 20.1809



1.3966, 0.6883, 1.4975

Previews

White Background



This preview shows how the XYZ color 56.4103, 65.9090, 62.5719 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 56.4103, 65.9090, 62.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

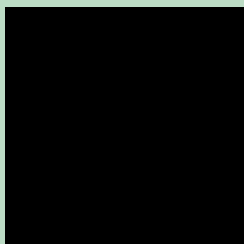
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

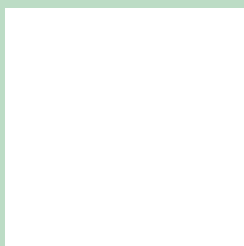
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4103, 65.9090, 62.5719

Background



This preview shows how black text looks on a background with the XYZ color 56.4103, 65.9090, 62.5719.



This preview shows how white text looks on a background with the XYZ color 56.4103, 65.9090,

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

56.4103, 65.9090, 62.5719

Protanopia

62.3239, 65.6099, 59.2483

Deuteranopia

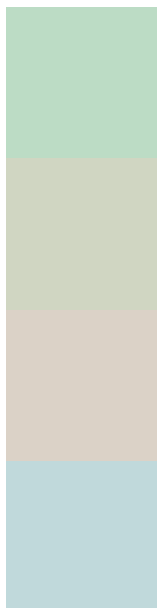
66.6103, 65.1887, 63.7155



Tritanopia

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

56.4103, 65.9090, 62.5719

Protanomaly

59.7966, 65.3981, 60.5104

Deuteranomaly

62.5688, 65.2768, 63.3348

Tritanomaly

59.3373, 65.9466, 76.6194

Monochromacy



Original Color

56.4103, 65.9090, 62.5719

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.5300, 63.8641, 66.3689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4103, 65.9090, 62.5719 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(188, 220, 197)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 197)  
}
```

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(188, 220, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.4103, 65.9090, 62.5719 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(188, 220, 197) }
```


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

```
.border{ border-color:rgb(188, 220, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 220, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 220, 197); box-shadow:4px 4px 4px 4px rgb(188, 220, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4103, 65.9090, 62.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 197) }
```

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

```
.background{ background-color: rgb(188,  
220, 197) }
```

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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