

Converting Colors

XYZ(56.5408, 63.8285, 63.0508)

Have a look what the booklet for
XYZ(56.5408, 63.8285, 63.0508)
contains.

XYZ(56.4877, 63.6397, 62.7325)	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(56.4877, 63.6397,
62.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D6C6
RGB	194, 214, 198
RGB Percent	76%, 84%, 78%
CMY	0.2392, 0.1608, 0.2235
CMYK	0.09, 0.00, 0.07, 0.16
HSL	132°, 20%, 80%
HSV	132°, 9%, 84%
XYZ	56.4877, 63.6397, 62.7325
YIQ	206.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

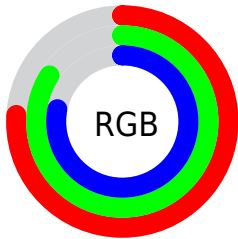
Format	Color
RYB	194, 211, 214
Decimal	12768966
CIELab	83.78, -9.70, 5.61
CIElCh	84, 11.203, 149.950
Yxy	63.6397, 0.3089, 0.3480
Android (android.graphics.Color)	4290959046 (0xFFC2D6C6)
YUV	206.1960, -4.0406, -10.6959
Hunter-Lab	79.7745, -13.2109, 9.2181

Details

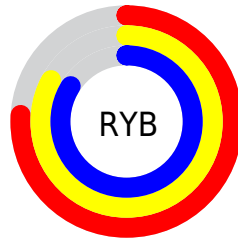
The XYZ color **56.4877, 63.6397, 62.7325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6585, 57.5343, 68.9894**, and the grayscale version is **58.8214, 61.8847, 67.3924**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.2474, 32.3853, 31.1478** is the 20% darker color. If you saturate the color by 10%, you get **49.5215, 60.2657, 52.6743**, and if you desaturate by 10%, it is **64.4717, 67.5162, 74.0063**.

Distribution



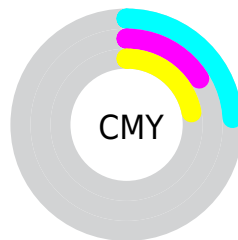
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (83%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4877, 63.6397, 62.7325 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 56.4877, 63.6397, 62.7325 by changing the saturation by 10% instead.

■ 56.4877, 63.6397,
62.7325

■ 56.4877, 63.6397,
62.7325

401.5722,
437.8874, 452.6792

■ 40.8326, 46.3589,
45.1852

■ 98.8530, 110.0919,
110.3653

■ 28.3754, 32.5291,
31.2593

126.2939,
140.0321, 141.2880

■ 18.7507, 21.7660,
20.5363

158.3941,
174.9608, 177.5062

■ 11.5932, 13.6850,
12.5975

195.5189,
215.2626, 219.4385

■ 6.5376, 7.9019,
7.0245

238.0338,
261.3217, 267.5034

■ 3.2184, 4.0323,
3.3988

286.3041,

■ 1.2703, 1.6916,

313.5227, 322.1194

1.3017

340.6951,
372.2497, 383.7052

■ 0.1608, 0.4182,
0.0632

■ 0.0000, 0.0000,
0.0000

■ 56.4877, 63.6397,
62.7325

■ 56.4877, 63.6397,
62.7325

■ 49.5215, 60.2657,
52.6743

■ 64.4717, 67.5162,
74.0063

■ 43.5267, 57.3658,
43.7870

■ 73.5069, 71.9061,
86.5302

■ 38.4612, 54.9209,
36.0292

■ 82.4435, 76.2179,
100.2868

■ 34.2778, 52.9077,
29.3555

■ 83.3378, 76.5756,
104.9959

■ 30.9250, 51.3005,
23.7176

■ 28.3458, 50.0712,
19.0632

■ 26.4758, 49.1878,
15.3358

■ 25.2398, 48.6127,
12.4727

■ 24.5183, 48.2859,
10.4023

Harmonies

Analogous

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



58.1584, 63.6397, 58.2126



56.4877, 63.6397, 62.7325



55.8828, 63.6397, 69.2809

Triad

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



56.4877, 63.6397, 62.7325



60.4835, 63.6397, 83.7308



64.6764, 63.6397, 62.7518

Complementary

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



56.4877, 63.6397, 62.7325



58.6585, 57.5343, 68.9894

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.



65.3387, 63.6397, 69.3047



56.4877, 63.6397, 62.7325



62.8783, 63.6397, 81.6967

Square

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



56.4877, 63.6397, 62.7325



58.1513, 63.6397, 81.6834



64.6721, 63.6397, 76.2953



62.8857, 63.6397, 58.2232

Rectangle

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



56.4877, 63.6397, 62.7325



56.1523, 63.6397, 74.0150



64.6721, 63.6397, 76.2953



65.0405, 63.6397, 64.7758

Sweetspot

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



56.4895, 63.6424, 62.7339



91.3215, 98.1899, 103.6637



60.4601, 65.7420, 60.5425



19.3384, 20.9157, 21.8949



0.0000, 0.0000, 0.0000



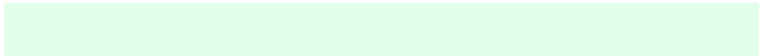
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4895, 63.6424, 62.7339



82.0679, 93.7008, 90.5219



57.6409, 64.1030, 68.7972



12.3629, 13.9362, 13.7257



14.8257, 29.1856, 6.3780



0.9242, 1.7723, 0.5423

Inverse Universe

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



58.6585, 57.5343, 68.9894



85.8553, 83.0348, 101.4445



57.4897, 57.0668, 62.8345



12.8416, 12.5882, 15.1063



21.2546, 10.4382, 24.4425



1.3097, 0.6407, 1.6200

Previews

White Background



This preview shows how the XYZ color 56.4877, 63.6397, 62.7325 looks on a white background.

Color Contrast Check

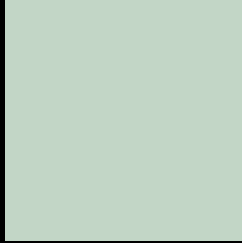
Large Text (above 18pt) WCAG AA × Fail

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 56.4877, 63.6397, 62.7325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

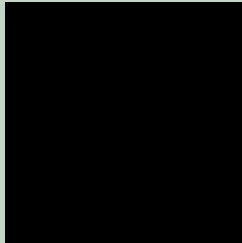
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

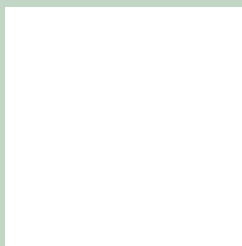
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4877, 63.6397, 62.7325

Background



This preview shows how black text looks on a background with the XYZ color 56.4877, 63.6397, 62.7325.



This preview shows how white text looks on a background with the XYZ color 56.4877, 63.6397,

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

56.4877, 63.6397, 62.7325

Protanopia

60.7251, 63.6508, 60.7150

Deuteranopia

64.9419, 63.6139, 64.1142



Tritanopia

60.3272, 63.7263, 81.0723

Trichromacy



Original Color

56.4877, 63.6397, 62.7325

Protanomaly

59.0228, 63.4886, 61.3682

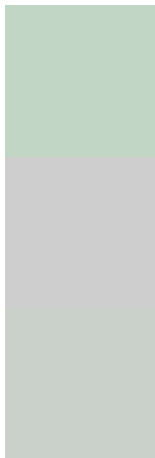
Deuteranomaly

61.4101, 63.2182, 63.6092

Tritanomaly

58.7149, 63.4167, 74.1118

Monochromacy



Original Color

56.4877, 63.6397, 62.7325

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9371, 62.4693, 65.5041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4877, 63.6397, 62.7325 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(194, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 198)  
}
```

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(194, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.4877, 63.6397, 62.7325 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(194, 214, 198) }
```


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

```
.border{ border-color:rgb(194, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4877, 63.6397, 62.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 198) }
```

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

```
.background{ background-color: rgb(194,  
214, 198) }
```

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