

Converting Colors

XYZ(56.8933, 62.3876, 63.7822)

Have a look what the booklet for
XYZ(56.8933, 62.3876, 63.7822)
contains.

XYZ(56.7606, 62.2691, 63.6711)	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(56.7606, 62.2691,
63.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D2C8
RGB	198, 210, 200
RGB Percent	78%, 82%, 78%
CMY	0.2235, 0.1765, 0.2157
CMYK	0.06, 0.00, 0.05, 0.18
HSL	130°, 12%, 80%
HSV	130°, 6%, 82%
XYZ	56.7606, 62.2691, 63.6711
YIQ	205.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

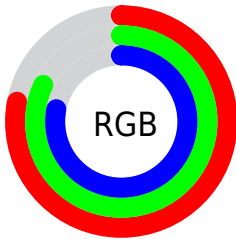
Format	Color
RYB	198, 208, 210
Decimal	13030088
CIELab	83.06, -5.91, 3.54
CIElCh	83, 6.890, 149.083
Yxy	62.2691, 0.3107, 0.3408
Android (android.graphics.Color)	4291220168 (0xFFC6D2C8)
YUV	205.2720, -2.5991, -6.3775
Hunter-Lab	78.9108, -9.6986, 7.3979

Details

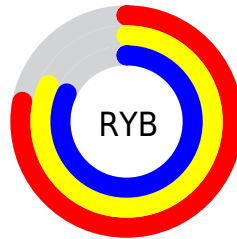
The XYZ color **56.7606, 62.2691, 63.6711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1599, 58.6454, 67.9318**, and the grayscale version is **58.2207, 61.2527, 66.7042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5784, 31.7815, 31.8223** is the 20% darker color. If you saturate the color by 10%, you get **49.6748, 58.8410, 53.2670**, and if you desaturate by 10%, it is **64.8516, 66.1919, 75.3471**.

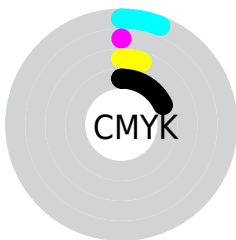
Distribution



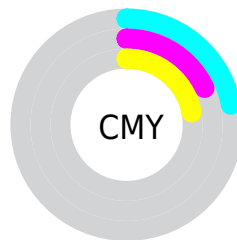
- Red (78%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7606, 62.2691, 63.6711 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 56.7606, 62.2691, 63.6711 by changing the saturation by 10% instead.

■ 56.7606, 62.2691,
63.6711

■ 56.7606, 62.2691,
63.6711

402.5803,
432.9120, 456.1758

■ 41.0525, 45.2502,
45.9399

99.2492, 108.1144,
111.7320

■ 28.5479, 31.6545,
31.8500

126.7603,
137.7095, 142.8988

■ 18.8817, 21.0978,
20.9831

158.9365,
172.2655, 179.3812

■ 11.6883, 13.1955,
12.9205

196.1430,
212.1667, 221.5977

■ 6.6025, 7.5633,
7.2438

238.7453,
257.7976, 269.9668

■ 3.2589, 3.8168,
3.5343

287.1088,

■ 1.2921, 1.5716,

309.5425, 324.9072

1.3735

341.5986,
367.7858, 386.8374

■ 0.1773, 0.3384,
0.1209

■ 0.0000, 0.0000,
0.0000

■ 56.7606, 62.2691,
63.6711

■ 56.7606, 62.2691,
63.6711

■ 49.6748, 58.8410,
53.2670

■ 64.8516, 66.1919,
75.3471

■ 43.5496, 55.8802,
44.0877

■ 73.9796, 70.6196,
88.3317

■ 38.3451, 53.3688,
36.0895

■ 81.9386, 74.4159,
102.5602

■ 34.0162, 51.2846,
29.2243

■ 82.3378, 74.5756,
104.6626

■ 30.5143, 49.6037,
23.4408

■ 27.7855, 48.2994,
18.6837

■ 25.7700, 47.3422,
14.8928

■ 24.3986, 46.6978,
12.0017

■ 23.5872, 46.3244,
9.9353

Harmonies

Analogous

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



57.8030, 62.2691, 60.8790



56.7606, 62.2691, 63.6711



56.3660, 62.2691, 67.6693

Triad

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



56.7606, 62.2691, 63.6711



59.1391, 62.2691, 76.3408



61.7244, 62.2691, 63.8894

Complementary

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



56.7606, 62.2691, 63.6711



58.1599, 58.6454, 67.9318

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.



62.0963, 62.2691, 67.9318



56.7606, 62.2691, 63.6711



60.5886, 62.2691, 75.2276

Square

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



56.7606, 62.2691, 63.6711



57.7249, 62.2691, 75.0870



61.6773, 62.2691, 72.1046



60.6693, 62.2691, 61.0013

Rectangle

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



56.7606, 62.2691, 63.6711



56.5182, 62.2691, 70.5189



61.6773, 62.2691, 72.1046



61.9342, 62.2691, 65.1528

Sweetspot

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



56.7623, 62.2718, 63.6725



92.5217, 98.7748, 105.2492



59.3109, 63.6124, 62.5792



19.8299, 21.1547, 22.5660



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.



56.7623, 62.2718, 63.6725



86.4818, 95.8490, 96.4777



57.4536, 62.5483, 67.3124



12.0341, 13.3825, 13.4003



14.2682, 28.2002, 5.7926



0.8233, 1.5870, 0.4582

Inverse Universe

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



58.1599, 58.6454, 67.9318



89.1424, 88.9452, 104.5865



57.4588, 58.3650, 64.2401



12.4289, 12.3582, 14.6034



20.9648, 10.2588, 25.7847



1.1952, 0.5828, 1.5630

Previews

White Background



This preview shows how the XYZ color 56.7606, 62.2691, 63.6711 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 56.7606, 62.2691, 63.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

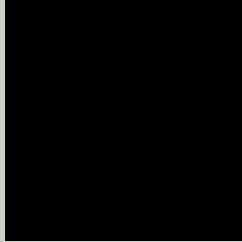
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

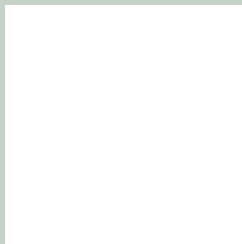
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7606, 62.2691, 63.6711

Background



This preview shows how black text looks on a background with the XYZ color 56.7606, 62.2691, 63.6711.



This preview shows how white text looks on a background with the XYZ color 56.7606, 62.2691,

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

56.7606, 62.2691, 63.6711

Protanopia

59.4157, 62.2169, 62.3036

Deuteranopia

63.3099, 62.0668, 64.5204



Tritanopia

59.9892, 62.5099, 78.7159

Trichromacy



Original Color

56.7606, 62.2691, 63.6711

Protanomaly

58.3538, 62.0146, 62.9273

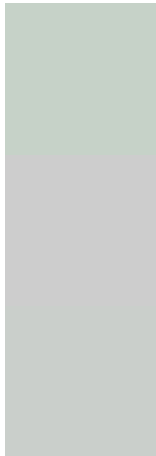
Deuteranomaly

60.7508, 62.1545, 64.0534

Tritanomaly

58.9090, 62.4356, 73.2364

Monochromacy



Original Color

56.7606, 62.2691, 63.6711

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4494, 61.4940, 65.3415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7606, 62.2691, 63.6711 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(198, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 200)  
}
```

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(198, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.7606, 62.2691, 63.6711 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(198, 210, 200) }
```


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

```
.border{ border-color:rgb(198, 210, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7606, 62.2691, 63.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 200) }
```

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

```
.background{ background-color: rgb(198,  
210, 200) }
```

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