

Converting Colors

XYZ(58.7691, 62.1629, 62.5902)

Have a look what the booklet for
XYZ(58.7691, 62.1629, 62.5902)
contains.

XYZ(58.8004, 62.2582, 62.3440)	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(58.8004, 62.2582,
62.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CFC6
RGB	209, 207, 198
RGB Percent	82%, 81%, 78%
CMY	0.1804, 0.1882, 0.2235
CMYK	0.00, 0.01, 0.05, 0.18
HSL	49°, 11%, 80%
HSV	49°, 5%, 82%
XYZ	58.8004, 62.2582, 62.3440
YIQ	206.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

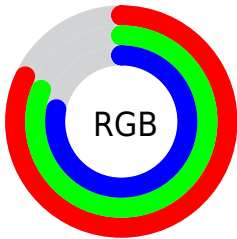
Format	Color
R_{YB}	200, 209, 198
Decimal	13750214
CIE Lab	83.05, -0.90, 4.70
CIE LCh	83, 4.786, 100.860
Yxy	62.2582, 0.3206, 0.3395
Android (android.graphics.Color)	4291940294 (0xFFD1CFC6)
YUV	206.5720, -4.2260, 2.1294
Hunter-Lab	78.9039, -5.0608, 8.3861

Details

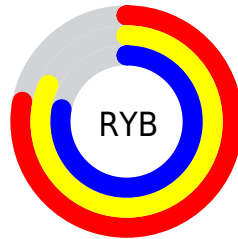
The XYZ color **58.8004, 62.2582, 62.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4516, 57.9170, 68.5789**, and the grayscale version is **59.0589, 62.1345, 67.6645**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9428, 31.7646, 30.9386** is the 20% darker color. If you saturate the color by 10%, you get **55.6469, 59.5461, 50.2086**, and if you desaturate by 10%, it is **62.3122, 65.1530, 76.2415**.

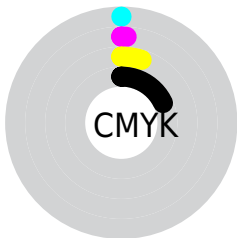
Distribution



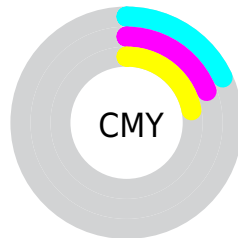
- Red (82%)
- Green (81%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8004, 62.2582, 62.3440 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 58.8004, 62.2582, 62.3440 by changing the saturation by 10% instead.

■ 58.8004, 62.2582,
62.3440

■ 58.8004, 62.2582,
62.3440

410.0678,
432.8723, 451.2270

■ 42.6982, 45.2414,
44.8731

102.2038,
108.0986, 109.7990

■ 29.8419, 31.6476,
31.0153

130.2357,
137.6910, 140.6201

■ 19.8661, 21.0925,
20.3519

162.9749,
172.2440, 176.7285

■ 12.4054, 13.1916,
12.4645

200.7868,
212.1420, 218.5426

■ 7.0946, 7.5606,
6.9345

244.0366,
257.7695, 266.4810

■ 3.5682, 3.8151,
3.3433

293.0899,

■ 1.4609, 1.5707,

309.5107, 320.9621

1.2725

348.3118,
367.7502, 382.4046

■ 0.2990, 0.3377,
0.0391

■ 0.0000, 0.0000,
0.0000

■ 58.8004, 62.2582,
62.3440

■ 58.8004, 62.2582,
62.3440

■ 55.6469, 59.5461,
50.2086

■ 62.3122, 65.1530,
76.2415

■ 52.8327, 57.0028,
39.7600

■ 66.1899, 68.2277,
91.9644

■ 50.3451, 54.6249,
30.9232

■ 69.5158, 71.1174,
104.6709

■ 48.1682, 52.4059,
23.6161

■ 70.5130, 73.1118,
105.0033

46.2849, 50.3387,
17.7495

71.5328, 75.1514,
105.3432

44.6764, 48.4155,
13.2246

72.5755, 77.2367,
105.6908

43.3213, 46.6275,
9.9303

73.6411, 79.3679,
106.0460

42.1951, 44.9646,
7.7377

74.7298, 81.5453,
106.4089

41.2677, 43.4145,
6.4891

75.8417, 83.7692,
106.7795

Harmonies

Analogous

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



59.8294, 62.2582, 62.5456



58.8004, 62.2582, 62.3440



57.8822, 62.2582, 63.5689

Triad

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



58.8004, 62.2582, 62.3440



57.6822, 62.2582, 71.5859



61.0746, 62.2582, 69.6745

Complementary

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



58.8004, 62.2582, 62.3440



55.4516, 57.9170, 68.5789

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.



60.4860, 62.2582, 72.1910



58.8004, 62.2582, 62.3440



58.5245, 62.2582, 73.3167

Square

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



58.8004, 62.2582, 62.3440



57.2416, 62.2582, 68.8681



59.5503, 62.2582, 73.5413



61.1505, 62.2582, 66.7204

Rectangle

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



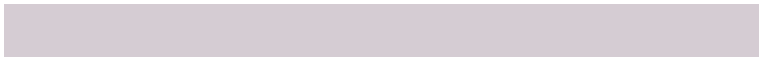
58.8004, 62.2582, 62.3440



57.4534, 62.2582, 65.0510



59.5503, 62.2582, 73.5413



60.9298, 62.2582, 70.6019

Sweetspot

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



58.8021, 62.2609, 62.3453



93.9451, 99.0868, 104.5345



56.9167, 58.1153, 62.8722



20.1197, 21.2183, 22.4204



0.0000, 0.0000, 0.0000



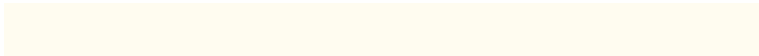
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8021, 62.2609, 62.3453



91.8043, 97.2947, 96.1458



58.3140, 62.7318, 62.4620



12.8138, 13.5882, 13.3134



25.2662, 26.4654, 3.7767



1.4614, 1.5771, 0.2274

Inverse Universe

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



55.4516, 57.9170, 68.5789



85.7776, 89.4811, 107.3584



55.9211, 57.4772, 68.4693



11.9014, 12.4053, 15.0108



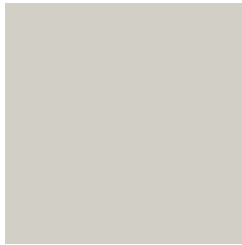
7.5740, 3.7946, 37.5257



0.4771, 0.3194, 2.1161

Previews

White Background



This preview shows how the XYZ color 58.8004, 62.2582, 62.3440 looks on a white background.

Color Contrast Check

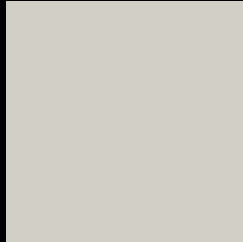
Large Text (above 18pt) WCAG AA × Fail

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 58.8004, 62.2582, 62.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

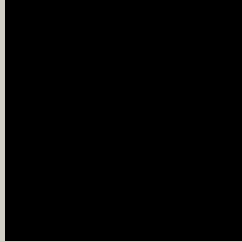
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

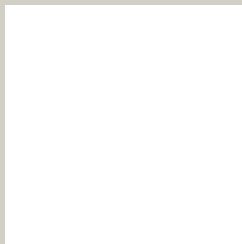
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8004, 62.2582, 62.3440

Background



This preview shows how black text looks on a background with the XYZ color 58.8004, 62.2582, 62.3440.



This preview shows how white text looks on a background with the XYZ color 58.8004, 62.2582,

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

58.8004, 62.2582, 62.3440

Protanopia

59.5899, 62.3200, 61.7116

Deuteranopia

63.2762, 62.0901, 62.6824



Tritanopia

61.6625, 62.3501, 76.4950

Trichromacy



Original Color

58.8004, 62.2582, 62.3440

Protanomaly

59.3007, 62.1709, 61.6980

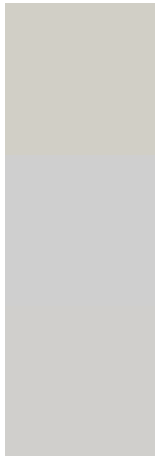
Deuteranomaly

61.7889, 62.3650, 62.8138

Tritanomaly

60.5790, 62.2650, 71.1128

Monochromacy



Original Color

58.8004, 62.2582, 62.3440

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2243, 62.3952, 66.0488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8004, 62.2582, 62.3440 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(209, 207, 198) looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 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(209, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 198) }
```

Border

The CSS property to change the border of an element to XYZ 58.8004, 62.2582, 62.3440 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(209, 207, 198) }
```


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

```
.border{ border-color:rgb(209, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8004, 62.2582, 62.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 198) }
```

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

```
.background{ background-color: rgb(209,  
207, 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