

Converting Colors

XYZ(58.2960, 63.2900, 57.0244)

Have a look what the booklet for
XYZ(58.2960, 63.2900, 57.0244)
contains.

XYZ(58.2443, 63.1772, 57.2687)	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(58.2443, 63.1772,
57.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D2BD
RGB	208, 210, 189
RGB Percent	82%, 82%, 74%
CMY	0.1843, 0.1765, 0.2588
CMYK	0.01, 0.00, 0.10, 0.18
HSL	66°, 19%, 78%
HSV	66°, 10%, 82%
XYZ	58.2443, 63.1772, 57.2687
YIQ	207.0080, 5.5490, -6.9550

Conversions

Conversions Part 2

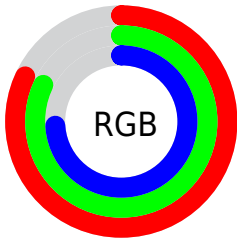
Format	Color
RYB	189, 210, 191
Decimal	13685437
CIELab	83.54, -4.34, 10.17
CIELCh	84, 11.058, 113.105
Yxy	63.1772, 0.3260, 0.3536
Android (android.graphics.Color)	4291875517 (0xFFD0D2BD)
YUV	207.0080, -8.8779, 0.8700
Hunter-Lab	79.4841, -8.2960, 12.9201

Details

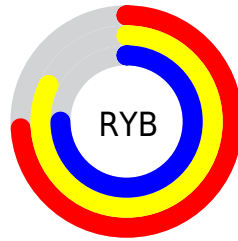
The XYZ color **58.2443, 63.1772, 57.2687** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3188, 52.1264, 68.3328**, and the grayscale version is **59.3677, 62.4594, 68.0183**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **29.6588, 32.4245, 27.9879** is the 20% darker color. If you saturate the color by 10%, you get **55.5686, 62.0443, 46.0933**, and if you desaturate by 10%, it is **61.2607, 64.4513, 70.1857**.

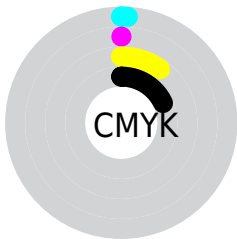
Distribution



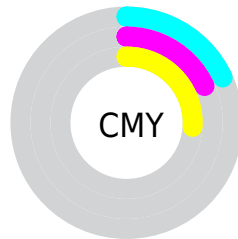
- Red (82%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2443, 63.1772, 57.2687 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 58.2443, 63.1772, 57.2687 by changing the saturation by 10% instead.

■ 58.2443, 63.1772,
57.2687

■ 58.2443, 63.1772,
57.2687

408.0348,
436.2123, 431.9773

■ 42.2491, 45.9846,
40.8102

■ 101.3995,
109.4251, 102.3614

■ 29.4884, 32.2337,
27.8522

129.2901,
139.2492, 131.8326

■ 19.5967, 21.5400,
17.9762

161.8767,
174.0526, 166.4786

■ 12.2088, 13.5193,
10.7637

199.5244,
214.2196, 206.7177

■ 6.9592, 7.7871,
5.7960

242.5988,
260.1347, 252.9687

■ 3.4827, 3.9590,
2.6546

291.4650,

■ 1.4139, 1.6507,

312.1822, 305.6499

0.9205

346.4886,
370.7466, 365.1799

■ 0.2661, 0.3914,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2443, 63.1772,
57.2687

■ 58.2443, 63.1772,
57.2687

■ 55.5686, 62.0443,
46.0933

■ 61.2607, 64.4513,
70.1857

■ 53.2143, 61.0387,
36.5809

■ 64.6260, 65.8638,
84.9101

■ 51.1679, 60.1571,
28.6533

■ 68.3544, 67.4223,
101.5092

■ 49.4130, 59.3929,
22.2241

■ 69.4218, 67.9172,
104.0582

■ 47.9317, 58.7390,
17.1988

■ 70.0176, 68.2244,
104.0860

■ 46.7040, 58.1873,
13.4721

■ 70.6206, 68.5353,
104.1143

■ 45.7069, 57.7286,
10.9240

■ 71.2309, 68.8499,
104.1428

■ 44.9136, 57.3523,
9.4122

■ 71.8485, 69.1683,
104.1717

■ 44.2744, 57.0384,
8.6760

■ 72.4735, 69.4905,
104.2010

Harmonies

Analogous

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



60.6072, 63.1772, 56.4141



58.2443, 63.1772, 57.2687



56.4107, 63.1772, 61.1108

Triad

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



58.2443, 63.1772, 57.2687



57.3034, 63.1772, 79.9815



64.7766, 63.1772, 70.3979

Complementary

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



58.2443, 63.1772, 57.2687



51.3188, 52.1264, 68.3328

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.



63.8385, 63.1772, 77.0853



58.2443, 63.1772, 57.2687



59.4924, 63.1772, 82.8534

Square

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



58.2443, 63.1772, 57.2687



55.8777, 63.1772, 74.1407



61.8886, 63.1772, 81.7596



64.4208, 63.1772, 63.7017

Rectangle

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



58.2443, 63.1772, 57.2687



55.7139, 63.1772, 64.9966



61.8886, 63.1772, 81.7596



64.6013, 63.1772, 72.7266

Sweetspot

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



58.2460, 63.1800, 57.2701



93.5745, 99.3788, 102.5293



54.3420, 54.5301, 55.8062



19.9462, 21.2363, 21.5903



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.



58.2460, 63.1800, 57.2701



89.4427, 97.6339, 84.9369



55.4570, 61.7422, 57.1395



12.6876, 13.7379, 12.5950



27.0519, 34.8147, 5.2941



1.5456, 1.9637, 0.2976

Inverse Universe

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



51.3188, 52.1264, 68.3328



76.5929, 77.1296, 105.4584



53.9871, 53.5020, 68.4576



11.2668, 11.4709, 14.8639



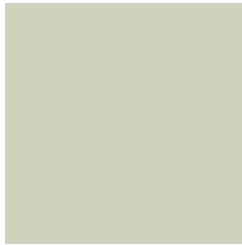
7.3106, 2.9490, 37.3764



0.4455, 0.1838, 2.0916

Previews

White Background



This preview shows how the XYZ color 58.2443, 63.1772, 57.2687 looks on a white background.

Color Contrast Check

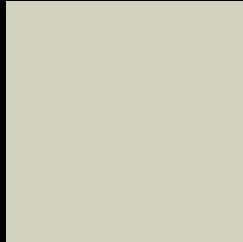
Large Text (above 18pt) WCAG AA × Fail

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 58.2443, 63.1772, 57.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

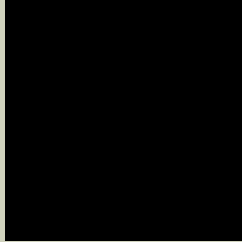
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

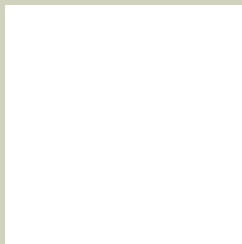
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2443, 63.1772, 57.2687

Background



This preview shows how black text looks on a background with the XYZ color 58.2443, 63.1772, 57.2687.



This preview shows how white text looks on a background with the XYZ color 58.2443, 63.1772,

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

58.2443, 63.1772, 57.2687

Protanopia

60.0052, 63.0082, 56.5761

Deuteranopia

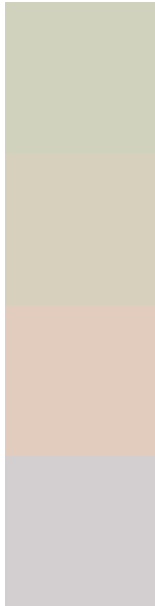
64.5516, 63.1970, 58.0862



Tritanopia

62.3230, 63.0292, 77.2877

Trichromacy



Original Color

58.2443, 63.1772, 57.2687

Protanomaly

59.3645, 63.0387, 56.6158

Deuteranomaly

61.9385, 62.9110, 57.5937

Tritanomaly

60.6854, 63.0780, 69.2984

Monochromacy



Original Color

58.2443, 63.1772, 57.2687

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7133, 62.5473, 63.6219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2443, 63.1772, 57.2687 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(208, 210, 189) looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 189)  
}
```

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(208, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 189) }
```

Border

The CSS property to change the border of an element to XYZ 58.2443, 63.1772, 57.2687 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(208, 210, 189) }
```


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

```
.border{ border-color:rgb(208, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 189);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2443, 63.1772, 57.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 189) }
```

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

```
.background{ background-color: rgb(208,  
210, 189) }
```

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