

Converting Colors

XYZ(57.7704, 60.2964, 63.3734)

Have a look what the booklet for
XYZ(57.7704, 60.2964, 63.3734)
contains.

XYZ(57.7937, 60.2919, 63.2350)	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(57.7937, 60.2919,
63.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CBC8
RGB	208, 203, 200
RGB Percent	82%, 80%, 78%
CMY	0.1843, 0.2039, 0.2157
CMYK	0.00, 0.02, 0.04, 0.18
HSL	23°, 8%, 80%
HSV	23°, 4%, 82%
XYZ	57.7937, 60.2919, 63.2350
YIQ	204.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

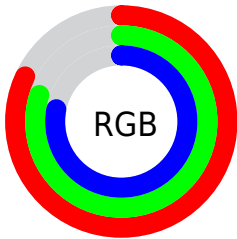
Format	Color
R _Y B	208, 205, 200
Decimal	13683656
CIE Lab	82.00, 1.20, 2.10
CIE LCh	82, 2.413, 60.292
Yxy	60.2919, 0.3187, 0.3325
Android (android.graphics.Color)	4291873736 (0xFFD0CBC8)
YUV	204.1530, -2.0474, 3.3738
Hunter-Lab	77.6479, -3.0253, 6.0688

Details

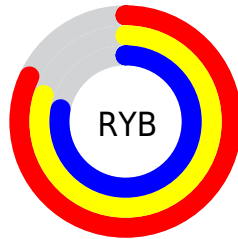
The XYZ color **57.7937, 60.2919, 63.2350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0359, 60.4952, 68.3460**, and the grayscale version is **57.5035, 60.4981, 65.8824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2622, 30.4402, 31.5274** is the 20% darker color. If you saturate the color by 10%, you get **52.5864, 53.5061, 50.3107**, and if you desaturate by 10%, it is **63.5922, 67.7295, 77.9895**.

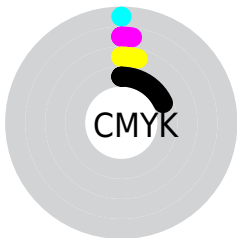
Distribution



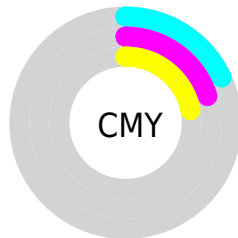
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (82%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7937, 60.2919, 63.2350 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 57.7937, 60.2919, 63.2350 by changing the saturation by 10% instead.

■ 57.7937, 60.2919,
63.2350

■ 57.7937, 60.2919,
63.2350

406.3830,
425.6729, 454.5533

■ 41.8854, 43.6540,
45.5891

100.7471,
105.2530, 111.0973

■ 29.2023, 30.3986,
31.5754

128.5229,
134.3449, 142.1509

■ 19.3790, 20.1413,
20.7753

160.9853,
168.3570, 178.5107

■ 12.0501, 12.4978,
12.7702

198.4996,
207.6736, 220.5954

■ 6.8502, 7.0837,
7.1416

241.4311,
252.6790, 268.8234

■ 3.4141, 3.5145,
3.4710

290.1453,

■ 1.3763, 1.4059,

303.7578, 323.6134

1.3399

345.0075,
361.2943, 385.3838

■ 0.2393, 0.2210,
0.0942

■ 0.0000, 0.0000,
0.0000

■ 57.7937, 60.2919,
63.2350

■ 57.7937, 60.2919,
63.2350

■ 52.5864, 53.5061,
50.3107

■ 63.5922, 67.7295,
77.9895

■ 47.9458, 47.3462,
39.1408

■ 69.9955, 75.8280,
94.6382

■ 43.8528, 41.7963,
29.6498

■ 75.8080, 84.1205,
106.8491

■ 40.2854, 36.8367,
21.7552

■ 79.8124, 92.1293,
108.1839

■ 37.2201, 32.4465,
15.3676

■ 79.8228, 92.1501,
108.1874

■ 34.6310, 28.6036,
10.3885

■ 32.4901, 25.2842,
6.7075

■ 30.7652, 22.4622,
4.1975

■ 29.4191, 20.1085,
2.7048

Harmonies

Analogous

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



58.1578, 60.2919, 64.2392



57.7937, 60.2919, 63.2350



57.3006, 60.2919, 62.8752

Triad

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



57.7937, 60.2919, 63.2350



56.3292, 60.2919, 65.6620



57.8024, 60.2919, 68.1062

Complementary

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



57.7937, 60.2919, 63.2350



57.0359, 60.4952, 68.3460

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.



57.3106, 60.2919, 68.5004



57.7937, 60.2919, 63.2350



56.4619, 60.2919, 67.0765

Square

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



57.7937, 60.2919, 63.2350



56.4569, 60.2919, 64.2637



56.8203, 60.2919, 68.1209



58.1628, 60.2919, 67.0513

Rectangle

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



57.7937, 60.2919, 63.2350



56.9657, 60.2919, 63.0449



56.8203, 60.2919, 68.1209



57.6469, 60.2919, 68.3210

Sweetspot

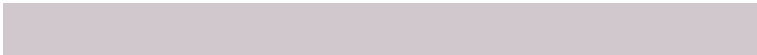
The Sweet Spot groups the original color and five complimentary colors.



57.7954, 60.2945, 63.2363



94.1361, 98.8249, 106.5834



57.6950, 59.1304, 66.1731



20.1587, 21.1650, 22.8377



0.0000, 0.0000, 0.0000



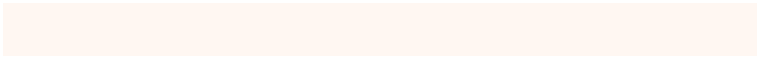
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7954, 60.2945, 63.2363



90.5767, 94.2300, 97.6157



58.7353, 62.1743, 63.5496



12.6087, 13.0993, 13.4878



18.0004, 11.9338, 1.3547



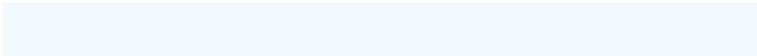
1.0819, 0.8180, 0.1009

Inverse Universe

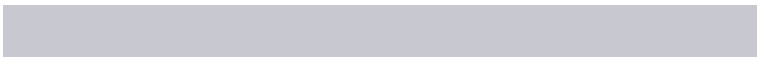
The Inverse Universe completely reimagines the original color for something new.



57.0359, 60.4952, 68.3460



89.0056, 94.6451, 108.1850



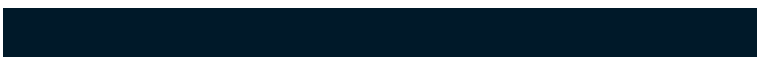
56.1076, 58.6387, 68.0365



12.3642, 13.1639, 15.1329



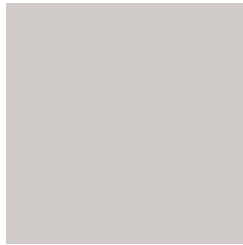
12.1587, 12.9641, 39.0540



0.7548, 0.8747, 2.2086

Previews

White Background



This preview shows how the XYZ color 57.7937, 60.2919, 63.2350 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 57.7937, 60.2919, 63.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

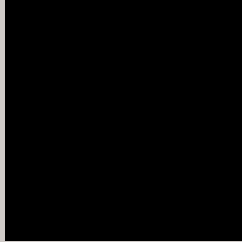
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

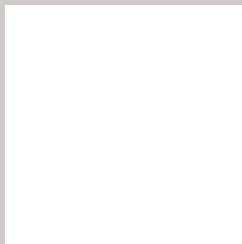
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7937, 60.2919, 63.2350

Background



This preview shows how black text looks on a background with the XYZ color 57.7937, 60.2919, 63.2350.

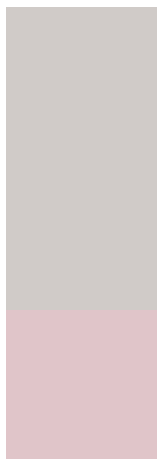


This preview shows how white text looks on a background with the XYZ color 57.7937, 60.2919,

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

57.7937, 60.2919, 63.2350

Protanopia

57.7937, 60.2919, 63.2350

Deuteranopia

61.2493, 59.9968, 63.6107



Tritanopia

59.8597, 60.4328, 73.4755

Trichromacy



Original Color

57.7937, 60.2919, 63.2350

Protanomaly

57.7937, 60.2919, 63.2350

Deuteranomaly

59.8795, 59.9693, 63.6776

Tritanomaly

59.0479, 60.4495, 69.5285

Monochromacy



Original Color

57.7937, 60.2919, 63.2350

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5492, 60.4767, 65.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7937, 60.2919, 63.2350 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, 203, 200) looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 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(208, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.7937, 60.2919, 63.2350 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, 203, 200) }
```


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

```
.border{ border-color:rgb(208, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7937, 60.2919, 63.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 200) }
```

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

```
.background{ background-color: rgb(208,  
203, 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