

Converting Colors

XYZ(57.8328, 60.4259, 64.5920)

Have a look what the booklet for
XYZ(57.8328, 60.4259, 64.5920)
contains.

XYZ(57.7487, 60.2415, 64.4612)	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(57.7487, 60.2415,
64.4612)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBCA
RGB	207, 203, 202
RGB Percent	81%, 80%, 79%
CMY	0.1882, 0.2039, 0.2078
CMYK	0.00, 0.02, 0.02, 0.19
HSL	12°, 5%, 80%
HSV	12°, 2%, 81%
XYZ	57.7487, 60.2415, 64.4612
YIQ	204.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

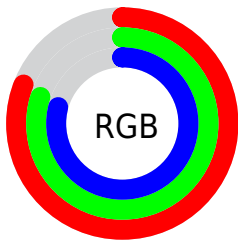
Format	Color
RYB	207, 203, 202
Decimal	13618122
CIELab	81.97, 1.20, 0.98
CIELCh	82, 1.550, 39.068
Yxy	60.2415, 0.3165, 0.3302
Android (android.graphics.Color)	4291808202 (0xFFCFCBCA)
YUV	204.0820, -1.0264, 2.5591
Hunter-Lab	77.6154, -3.0164, 5.0892

Details

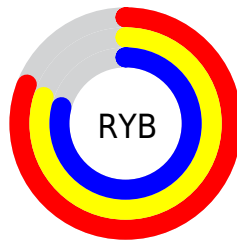
The XYZ color **57.7487, 60.2415, 64.4612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6909, 61.2033, 67.8050**, and the grayscale version is **57.4528, 60.4448, 65.8244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2296, 30.4053, 32.3452** is the 20% darker color. If you saturate the color by 10%, you get **51.7598, 51.9259, 51.1730**, and if you desaturate by 10%, it is **64.4869, 69.5279, 79.6227**.

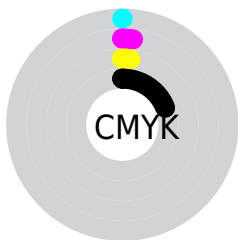
Distribution



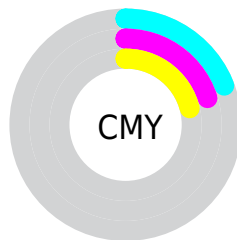
- Red (81%)
- Green (80%)
- Blue (79%)



- Red (81%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7487, 60.2415, 64.4612 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 57.7487, 60.2415, 64.4612 by changing the saturation by 10% instead.

■ 57.7487, 60.2415,
64.4612

■ 57.7487, 60.2415,
64.4612

406.2179,
425.4874, 459.1063

■ 41.8491, 43.6133,
46.5758

100.6819,
105.1799, 112.8807

■ 29.1738, 30.3666,
32.3485

128.4462,
134.2589, 144.2519

■ 19.3573, 20.1170,
21.3608

160.8962,
168.2570, 180.9553

■ 12.0342, 12.4801,
13.1942

198.3971,
207.5586, 223.4097

■ 6.8394, 7.0716,
7.4301

241.3144,
252.5480, 272.0334

■ 3.4073, 3.5069,
3.6500

290.0134,

■ 1.3726, 1.4017,

303.6097, 327.2450

1.4354

344.8594,
361.1280, 389.4632

■ 0.2366, 0.2180,
0.1691

■ 0.0000, 0.0000,
0.0000

■ 57.7487, 60.2415,
64.4612

■ 57.7487, 60.2415,
64.4612

■ 51.7598, 51.9259,
51.1730

■ 64.4869, 69.5279,
79.6227

■ 46.4890, 44.5420,
39.6813

■ 71.9939, 79.8070,
96.7222

■ 41.9104, 38.0594,
29.9100

■ 78.7946, 90.5098,
107.9250

■ 37.9949, 32.4434,
21.7758

■ 79.5425, 92.0056,
108.1743

■ 34.7107, 27.6567,
15.1885

■ 32.0239, 23.6596,
10.0492

■ 29.8968, 20.4087,
6.2476

■ 28.2875, 17.8564,
3.6570

■ 27.1474, 15.9494,
2.1263

Harmonies

Analogous

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



57.8827, 60.2415, 65.3086



57.7487, 60.2415, 64.4612



57.4833, 60.2415, 63.9205

Triad

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



57.7487, 60.2415, 64.4612



56.6708, 60.2415, 64.9497



57.3572, 60.2415, 67.3923

Complementary

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



57.7487, 60.2415, 64.4612



57.6909, 61.2033, 67.8050

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.



57.0328, 60.2415, 67.2939



57.7487, 60.2415, 64.4612



56.6373, 60.2415, 65.8778

Square

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



57.7487, 60.2415, 64.4612



56.8613, 60.2415, 64.2006



56.7696, 60.2415, 66.7375



57.6561, 60.2415, 67.0048

Rectangle

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



57.7487, 60.2415, 64.4612



57.2680, 60.2415, 63.8036



56.7696, 60.2415, 66.7375



57.2475, 60.2415, 67.4150

Sweetspot

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



57.7504, 60.2441, 64.4625



93.9953, 98.5433, 106.5365



57.9941, 59.9636, 66.9108



20.1300, 21.1077, 22.8281



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.



57.7504, 60.2441, 64.4625



91.9229, 95.6776, 101.9019



58.3447, 61.4328, 64.6606



12.7649, 13.2510, 14.0351



16.7781, 9.4893, 0.9473



0.9954, 0.6451, 0.0721

Inverse Universe

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



57.6909, 61.2033, 67.8050



91.8035, 97.6021, 108.6083



57.0947, 60.0109, 67.6063



12.7443, 13.5835, 15.1938



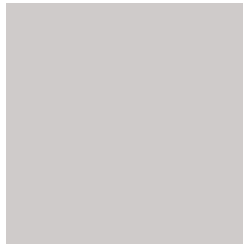
15.6932, 20.0329, 40.2321



0.9299, 1.2250, 2.2670

Previews

White Background



This preview shows how the XYZ color 57.7487, 60.2415, 64.4612 looks on a white background.

Color Contrast Check

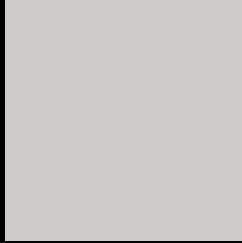
Large Text (above 18pt) WCAG AA × Fail

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 57.7487, 60.2415, 64.4612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

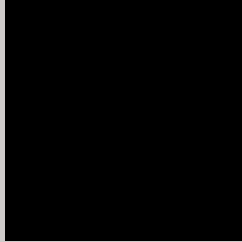
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7487, 60.2415, 64.4612

Background



This preview shows how black text looks on a background with the XYZ color 57.7487, 60.2415, 64.4612.

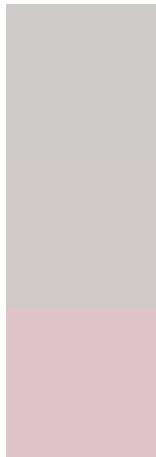


This preview shows how white text looks on a background with the XYZ color 57.7487, 60.2415,

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

57.7487, 60.2415, 64.4612

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.1772, 59.9323, 64.8436



Tritanopia

59.7055, 60.3384, 74.1453

Trichromacy



Original Color

57.7487, 60.2415, 64.4612

Protanomaly

58.0290, 60.3860, 64.4743

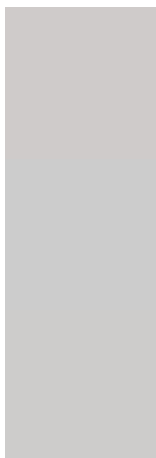
Deuteranomaly

59.8182, 59.9104, 64.9110

Tritanomaly

59.0166, 60.4044, 70.8361

Monochromacy



Original Color

57.7487, 60.2415, 64.4612

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 57.7487, 60.2415, 64.4612 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(207, 203, 202) looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 202)  
}
```

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(207, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.7487, 60.2415, 64.4612 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(207, 203, 202) }
```


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

```
.border{ border-color:rgb(207, 203, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 203, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7487, 60.2415, 64.4612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 202) }
```

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

```
.background{ background-color: rgb(207,  
203, 202) }
```

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