

Converting Colors

XYZ(58.2114, 57.5953, 66.9555)

Have a look what the booklet for
XYZ(58.2114, 57.5953, 66.9555)
contains.

XYZ(58.2182, 57.6813, 67.0967)	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(58.2182, 57.6813,
67.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3CF
RGB	213, 195, 207
RGB Percent	84%, 76%, 81%
CMY	0.1647, 0.2353, 0.1882
CMYK	0.00, 0.08, 0.03, 0.16
HSL	320°, 18%, 80%
HSV	320°, 8%, 84%
XYZ	58.2182, 57.6813, 67.0967
YIQ	201.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

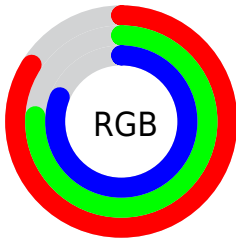
Format	Color
R _{YB}	213, 195, 207
Decimal	14009295
CIE _{Lab}	80.56, 8.42, -3.71
CIE _{LCh}	81, 9.198, 336.220
Yxy	57.6813, 0.3181, 0.3152
Android (android.graphics.Color)	4292199375 (0xFFD5C3CF)
YUV	201.7500, 2.5882, 9.8663
Hunter-Lab	75.9482, 3.9201, 0.7838

Details

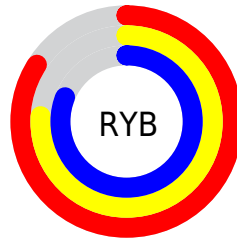
The XYZ color **58.2182, 57.6813, 67.0967** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8448, 63.4093, 64.5046**, and the grayscale version is **55.9660, 58.8806, 64.1210**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.3752, 28.6188, 34.1127** is the 20% darker color. If you saturate the color by 10%, you get **52.9337, 48.4699, 61.1480**, and if you desaturate by 10%, it is **64.2258, 68.2748, 73.4805**.

Distribution



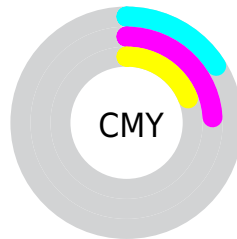
- Red (84%)
- Green (76%)
- Blue (81%)



- Red (84%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2182, 57.6813, 67.0967 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 58.2182, 57.6813, 67.0967 by changing the saturation by 10% instead.

■ 58.2182, 57.6813,
67.0967

■ 58.2182, 57.6813,
67.0967

407.9393,
415.9973, 468.7998

■ 42.2280, 41.5525,
48.7011

□ 101.3617,
101.4586, 116.7009

■ 29.4718, 28.7510,
34.0185

129.2457,
129.8759, 148.7467

■ 19.5841, 18.8926,
22.6304

161.8251,
163.1581, 186.1795

■ 12.1996, 11.5927,
14.1181

199.4651,
201.6897, 229.4181

■ 6.9529, 6.4670,
8.0631

242.5312,
245.8550, 278.8808

■ 3.4787, 3.1311,
4.0470

291.3887,

■ 1.4117, 1.2005,

296.0385, 334.9863

1.6512

346.4029,
352.6244, 398.1531

■ 0.2645, 0.0621,
0.3270

■ 0.0000, 0.0000,
0.0000

■ 58.2182, 57.6813,
67.0967

■ 58.2182, 57.6813,
67.0967

■ 52.9337, 48.4699,
61.1480

■ 64.2258, 68.2748,
73.4805

■ 48.3382, 40.5756,
55.6184

■ 70.9791, 80.2971,
80.3074

■ 44.4021, 33.9393,
50.4963

■ 77.2471, 91.2848,
87.1700

■ 41.0916, 28.4943,
45.7678

■ 78.2554, 91.6881,
92.4793

■ 38.3701, 24.1680,
41.4179

■ 79.3046, 92.1078,
98.0045

■ 36.1966, 20.8795,
37.4304

■ 80.3953, 92.5441,
103.7480

■ 34.5249, 18.5371,
33.7870

■ 81.2510, 92.8864,
108.2542

■ 33.3005, 17.0329,
30.4667

■ 32.4414, 16.2039,
27.4393

Harmonies

Analogous

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



57.0002, 57.6813, 71.5829



58.2182, 57.6813, 67.0967



58.5176, 57.6813, 61.6840

Triad

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



58.2182, 57.6813, 67.0967



54.4315, 57.6813, 53.0148



51.9440, 57.6813, 69.1590

Complementary

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



58.2182, 57.6813, 67.0967



56.8448, 63.4093, 64.5046

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.



51.2898, 57.6813, 63.9398



58.2182, 57.6813, 67.0967



52.7045, 57.6813, 54.7759

Square

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



58.2182, 57.6813, 67.0967



56.3030, 57.6813, 53.7528



51.5650, 57.6813, 58.7006



53.3718, 57.6813, 72.8207

Rectangle

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



58.2182, 57.6813, 67.0967



58.1501, 57.6813, 58.3173



51.5650, 57.6813, 58.7006



51.6278, 57.6813, 67.5175

Sweetspot

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



58.2199, 57.6838, 67.0979



92.2499, 95.0526, 105.9542



55.6150, 56.2546, 70.8788



19.5888, 20.0692, 22.5123



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.



58.2199, 57.6838, 67.0979



86.1090, 84.2602, 99.3157



57.1507, 57.2562, 61.4680



12.7688, 12.5590, 14.7228



19.7928, 9.8535, 16.7450



1.2315, 0.6094, 1.2084

Inverse Universe

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



58.2199, 57.6838, 67.0979



86.1090, 84.2602, 99.3157



57.9347, 63.8453, 70.2440



12.7688, 12.5590, 14.7228



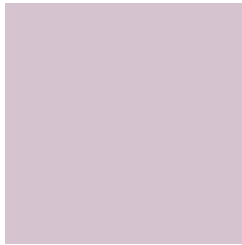
19.7928, 9.8535, 16.7450



1.2315, 0.6094, 1.2084

Previews

White Background



This preview shows how the XYZ color 58.2182, 57.6813, 67.0967 looks on a white background.

Color Contrast Check

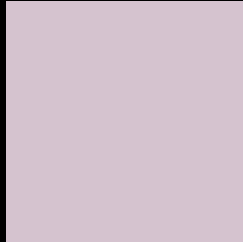
Large Text (above 18pt) WCAG AA × Fail

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 58.2182, 57.6813, 67.0967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

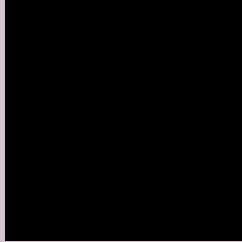
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2182, 57.6813, 67.0967

Background



This preview shows how black text looks on a background with the XYZ color 58.2182, 57.6813, 67.0967.



This preview shows how white text looks on a background with the XYZ color 58.2182, 57.6813,

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

58.2182, 57.6813, 67.0967

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

58.8732, 57.6875, 67.0633



Tritanopia

58.5885, 57.8295, 69.0470

Trichromacy



Original Color

58.2182, 57.6813, 67.0967

Protanomaly

56.7561, 57.9214, 67.8631

Deuteranomaly

58.5786, 57.5356, 67.0495

Tritanomaly

58.4643, 57.7798, 68.3928

Monochromacy



Original Color

58.2182, 57.6813, 67.0967

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7761, 58.3283, 65.3928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2182, 57.6813, 67.0967 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(213, 195, 207) looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 207)  
}
```

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(213, 195, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.2182, 57.6813, 67.0967 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(213, 195, 207) }
```


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

```
.border{ border-color:rgb(213, 195, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2182, 57.6813, 67.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 207) }
```

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

```
.background{ background-color: rgb(213,  
195, 207) }
```

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