

Converting Colors

XYZ(58.2199, 60.1581, 60.6852)

Have a look what the booklet for
XYZ(58.2199, 60.1581, 60.6852)
contains.

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Color

**XYZ(58.2357, 60.2236,
60.7795)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CAC4
RGB	212, 202, 196
RGB Percent	83%, 79%, 77%
CMY	0.1686, 0.2078, 0.2314
CMYK	0.00, 0.05, 0.08, 0.17
HSL	23°, 16%, 80%
HSV	23°, 8%, 83%
XYZ	58.2357, 60.2236, 60.7795
YIQ	204.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

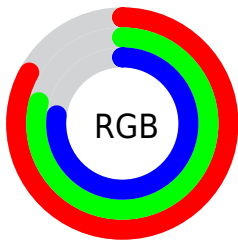
Format	Color
R _Y B	212, 206, 196
Decimal	13945540
CIE Lab	81.96, 2.43, 4.22
CIE LCh	82, 4.871, 60.042
Yxy	60.2236, 0.3249, 0.3360
Android (android.graphics.Color)	4292135620 (0xFFD4CAC4)
YUV	204.3060, -4.0949, 6.7476
Hunter-Lab	77.6039, -1.8563, 7.8867

Details

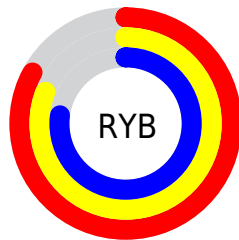
The XYZ color **58.2357, 60.2236, 60.7795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7198, 60.6309, 71.0015**, and the grayscale version is **57.6110, 60.6113, 66.0057**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **29.3770, 30.3009, 29.8915** is the 20% darker color. If you saturate the color by 10%, you get **53.0161, 53.3766, 47.9637**, and if you desaturate by 10%, it is **64.0665, 67.7458, 75.4828**.

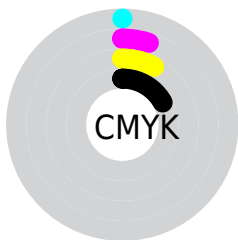
Distribution



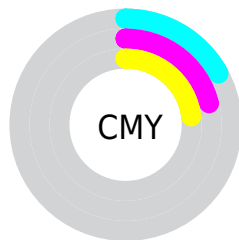
- Red (83%)
- Green (79%)
- Blue (77%)



- Red (83%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2357, 60.2236, 60.7795 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 58.2357, 60.2236, 60.7795 by changing the saturation by 10% instead.

■ 58.2357, 60.2236,
60.7795

■ 58.2357, 60.2236,
60.7795

408.0033,
425.4215, 445.3492

■ 42.2422, 43.5989,
43.6178

101.3870,
105.1540, 107.5140

■ 29.4829, 30.3553,
30.0352

129.2755,
134.2284, 137.9240

■ 19.5925, 20.1084,
19.6130

161.8597,
168.2215, 173.5871

■ 12.2057, 12.4739,
11.9328

199.5049,
207.5178, 214.9219

■ 6.9572, 7.0673,
6.5759

242.5765,
252.5015, 262.3470

■ 3.4814, 3.5042,
3.1239

291.4399,

■ 1.4132, 1.4003,

303.5571, 316.2809

1.1583

346.4604,
361.0689, 377.1421

■ 0.2656, 0.2169,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2357, 60.2236,
60.7795

■ 58.2357, 60.2236,
60.7795

■ 53.0161, 53.3766,
47.9637

■ 64.0665, 67.7458,
75.4828

■ 48.3816, 47.1778,
36.9542

■ 70.5232, 75.9536,
92.1422

■ 44.3120, 41.6100,
27.6700

■ 76.8766, 84.5670,
106.8790

■ 40.7834, 36.6521,
20.0221

■ 80.9570, 92.7279,
108.2391

■ 37.7703, 32.2817,
13.9133

■ 80.9617, 92.7372,
108.2407

■ 35.2450, 28.4751,
9.2365

■ 33.1766, 25.2065,
5.8700

■ 31.5296, 22.4474,
3.6719

■ 30.2581, 20.1645,
2.4467

Harmonies

Analogous

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



58.9728, 60.2236, 62.7737



58.2357, 60.2236, 60.7795



57.2393, 60.2236, 60.0617

Triad

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



58.2357, 60.2236, 60.7795



55.2824, 60.2236, 65.5774



58.2383, 60.2236, 70.6083

Complementary

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



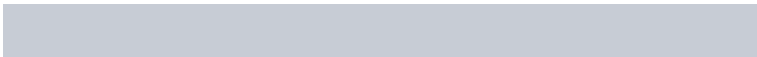
58.2357, 60.2236, 60.7795



56.7198, 60.6309, 71.0015

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.



57.2422, 60.2236, 71.4121



58.2357, 60.2236, 60.7795



55.5429, 60.2236, 68.4549

Square

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



58.2357, 60.2236, 60.7795



55.5414, 60.2236, 62.7807



56.2571, 60.2236, 70.6127



58.9743, 60.2236, 68.4474

Rectangle

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



58.2357, 60.2236, 60.7795



56.5645, 60.2236, 60.3864



56.2571, 60.2236, 70.6127



57.9223, 60.2236, 71.0490

Sweetspot

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



58.2374, 60.2262, 60.7808



93.2316, 97.6597, 104.2967



58.0489, 57.9405, 66.6024



19.9745, 20.9278, 22.3720



0.0000, 0.0000, 0.0000



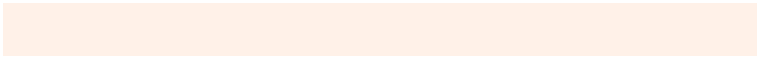
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2374, 60.2262, 60.7808



87.1678, 89.7995, 89.1200



60.1296, 64.0107, 61.4115



12.8012, 13.1767, 13.0294



18.6015, 12.3202, 1.3976



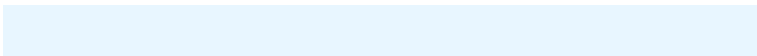
1.2003, 0.8997, 0.1104

Inverse Universe

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



56.7198, 60.6309, 71.0015



84.4190, 90.5322, 107.6329



54.8740, 56.9393, 70.3863



12.3824, 13.2883, 15.8498



12.5671, 13.3960, 40.3765



0.8363, 0.9647, 2.4614

Previews

White Background



This preview shows how the XYZ color 58.2357, 60.2236, 60.7795 looks on a white background.

Color Contrast Check

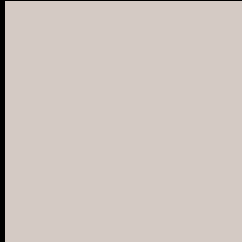
Large Text (above 18pt) WCAG AA × Fail

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 58.2357, 60.2236, 60.7795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

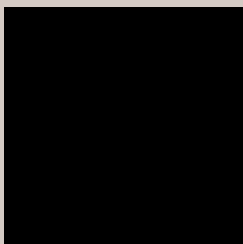
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

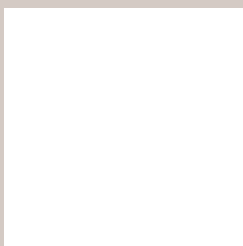
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2357, 60.2236, 60.7795

Background



This preview shows how black text looks on a background with the XYZ color 58.2357, 60.2236, 60.7795.

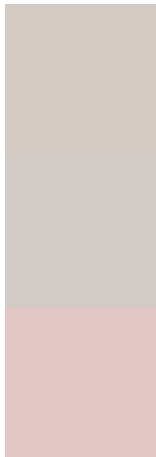


This preview shows how white text looks on a background with the XYZ color 58.2357, 60.2236,

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

58.2357, 60.2236, 60.7795

Protanopia

57.7285, 60.2984, 61.4195

Deuteranopia

61.4083, 60.1325, 61.1935



Tritanopia

60.7135, 60.2002, 72.7098

Trichromacy



Original Color

58.2357, 60.2236, 60.7795

Protanomaly

58.0123, 60.4447, 61.4327

Deuteranomaly

60.3203, 60.2502, 61.2736

Tritanomaly

59.7710, 60.1588, 68.1360

Monochromacy



Original Color

58.2357, 60.2236, 60.7795

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6307, 60.1943, 63.8395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2357, 60.2236, 60.7795 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(212, 202, 196) looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 196)  
}
```

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(212, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 196) }
```

Border

The CSS property to change the border of an element to XYZ 58.2357, 60.2236, 60.7795 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(212, 202, 196) }
```


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

```
.border{ border-color:rgb(212, 202, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2357, 60.2236, 60.7795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 196) }
```

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

```
.background{ background-color: rgb(212,  
202, 196) }
```

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](#).

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