

Converting Colors

XYZ(58.9802, 60.9468, 52.9216)

Have a look what the booklet for
XYZ(58.9802, 60.9468, 52.9216)
contains.

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Color

**XYZ(58.7774, 60.6785,
52.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCAB6
RGB	219, 202, 182
RGB Percent	86%, 79%, 71%
CMY	0.1412, 0.2078, 0.2863
CMYK	0.00, 0.08, 0.17, 0.14
HSL	32°, 34%, 79%
HSV	32°, 17%, 86%
XYZ	58.7774, 60.6785, 52.8702
YIQ	204.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

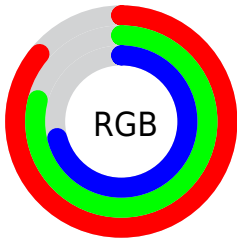
Format	Color
R _Y B	213, 219, 182
Decimal	14404278
CIE Lab	82.21, 2.68, 12.12
CIE LCh	82, 12.416, 77.512
Yxy	60.6785, 0.3411, 0.3521
Android (android.graphics.Color)	4292594358 (0xFFDBCAB6)
YUV	204.8030, -11.2419, 12.4508
Hunter-Lab	77.8964, -1.6300, 14.2859

Details

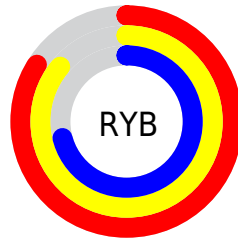
The XYZ color **58.7774, 60.6785, 52.8702** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5007, 55.9051, 75.0419**, and the grayscale version is **57.9663, 60.9850, 66.4127**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **29.8622, 30.6573, 25.1124** is the 20% darker color. If you saturate the color by 10%, you get **54.4054, 55.2772, 41.1064**, and if you desaturate by 10%, it is **63.6606, 66.5345, 66.5521**.

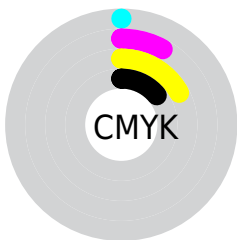
Distribution



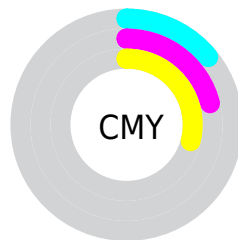
- Red (86%)
- Green (79%)
- Blue (71%)



- Red (84%)
- Yellow (86%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (14%)





- Cyan (14%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7774, 60.6785, 52.8702 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 58.7774, 60.6785, 52.8702 by changing the saturation by 10% instead.

 58.7774, 60.6785,
52.8702

 58.7774, 60.6785,
52.8702


409.9838,
427.0942, 414.8391

 42.6796, 43.9658,
37.3121


 102.1705,
105.8133, 95.8530

 29.8273, 30.6436,
25.1516


130.1966,
135.0041, 124.1147

 19.8549, 20.3276,
15.9700


162.9295,
169.1231, 157.4482

 12.3973, 12.6334,
9.3488

200.7346,
208.5547, 196.2718

 7.0890, 7.1766,
4.8695

243.9772,
253.6831, 241.0042

 3.5646, 3.5728,
2.1135

293.0227,

 1.4589, 1.4376,

304.8930, 292.0638

0.6238

348.2365,
362.5685, 349.8693

■ 0.2976, 0.2442,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7774, 60.6785,
52.8702

■ 58.7774, 60.6785,
52.8702

■ 54.4054, 55.2772,
41.1064

■ 63.6606, 66.5345,
66.5521

■ 50.5203, 50.3103,
31.1695

■ 69.0682, 72.8490,
82.2299

■ 47.1031, 45.7672,
22.9664

■ 75.0191, 79.6359,
99.9819

■ 44.1313, 41.6342,
16.3946

■ 79.0883, 85.9296,
107.0254

■ 41.5805, 37.8962,
11.3402

■ 82.1693, 92.0917,
108.0524

■ 39.4230, 34.5370,
7.6746

■ 83.0236, 93.8002,
108.3372

■ 37.6272, 31.5384,
5.2475

■ 36.1526, 28.8786,
3.8640

■ 35.7398, 28.1125,
3.5426

Harmonies

Analogous

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



61.1691, 60.6785, 55.9201



58.7774, 60.6785, 52.8702



56.1595, 60.6785, 53.1549

Triad

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



58.7774, 60.6785, 52.8702



52.9676, 60.6785, 70.5392



61.4969, 60.6785, 76.3794

Complementary

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



58.7774, 60.6785, 52.8702



52.5007, 55.9051, 75.0419

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.



59.2137, 60.6785, 80.9207



58.7774, 60.6785, 52.8702



54.3129, 60.6785, 77.3761

Square

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



58.7774, 60.6785, 52.8702



52.8589, 60.6785, 62.9755



56.5827, 60.6785, 81.2987



62.7711, 60.6785, 69.2613

Rectangle

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



58.7774, 60.6785, 52.8702



54.6378, 60.6785, 55.1975



56.5827, 60.6785, 81.2987



60.8188, 60.6785, 78.2807

Sweetspot

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



58.7790, 60.6812, 52.8715



91.2246, 95.5259, 97.8317



56.2818, 52.6527, 61.3926



19.4140, 20.3147, 20.6195



0.0000, 0.0000, 0.0000



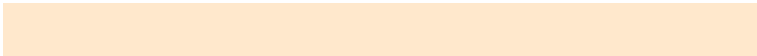
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7790, 60.6812, 52.8715



80.8758, 83.0931, 68.9027



62.6192, 68.9103, 54.2575



13.6363, 14.2120, 13.7501



21.3027, 16.8910, 2.1375



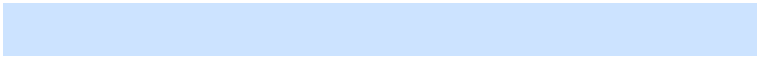
1.4659, 1.2660, 0.1671

Inverse Universe

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



52.5007, 55.9051, 75.0419



70.5377, 75.2291, 105.4107



49.0989, 48.6672, 73.8241



12.8290, 13.5978, 16.6006



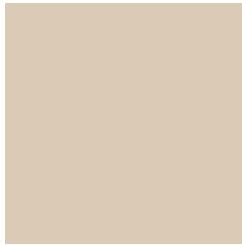
10.4247, 8.7188, 40.8719



0.7609, 0.7359, 2.6764

Previews

White Background



This preview shows how the XYZ color 58.7774, 60.6785, 52.8702 looks on a white background.

Color Contrast Check

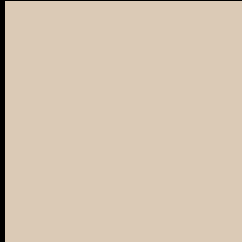
Large Text (above 18pt) WCAG AA × Fail

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 58.7774, 60.6785, 52.8702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

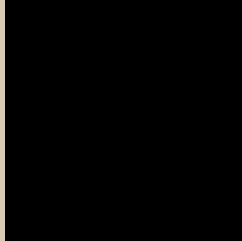
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

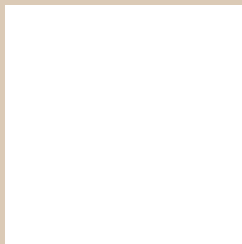
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7774, 60.6785, 52.8702

Background



This preview shows how black text looks on a background with the XYZ color 58.7774, 60.6785, 52.8702.



This preview shows how white text looks on a background with the XYZ color 58.7774, 60.6785,

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

58.7774, 60.6785, 52.8702

Protanopia

57.5807, 60.7508, 53.4910

Deuteranopia

61.7922, 60.5072, 53.2220



Tritanopia

62.4079, 60.4246, 71.3246

Trichromacy



Original Color

58.7774, 60.6785, 52.8702

Protanomaly

57.9275, 60.5778, 53.4393

Deuteranomaly

60.6492, 60.5966, 53.2995

Tritanomaly

61.2083, 60.6407, 64.3559

Monochromacy



Original Color

58.7774, 60.6785, 52.8702

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2493, 60.9186, 61.5117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7774, 60.6785, 52.8702 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(219, 202, 182) looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 182)  
}
```

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(219, 202, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 182) }
```

Border

The CSS property to change the border of an element to XYZ 58.7774, 60.6785, 52.8702 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(219, 202, 182) }
```


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

```
.border{ border-color:rgb(219, 202, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 182);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7774, 60.6785, 52.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 182) }
```

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

```
.background{ background-color: rgb(219,  
202, 182) }
```

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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