

Converting Colors

XYZ(57.7146, 59.4403, 52.6881)

Have a look what the booklet for
XYZ(57.7146, 59.4403, 52.6881)
contains.

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Color

**XYZ(57.7130, 59.4377,
52.6868)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C8B6
RGB	217, 200, 182
RGB Percent	85%, 78%, 71%
CMY	0.1490, 0.2157, 0.2863
CMYK	0.00, 0.08, 0.16, 0.15
HSL	31°, 32%, 78%
HSV	31°, 16%, 85%
XYZ	57.7130, 59.4377, 52.6868
YIQ	203.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

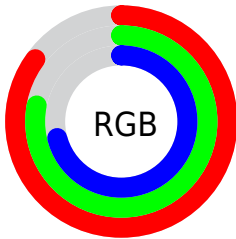
Format	Color
R _Y B	215, 217, 182
Decimal	14272694
CIE Lab	81.53, 3.00, 11.14
CIE LCh	82, 11.539, 74.917
Yxy	59.4377, 0.3398, 0.3500
Android (android.graphics.Color)	4292462774 (0xFFD9C8B6)
YUV	203.0310, -10.3683, 12.2508
Hunter-Lab	77.0958, -1.2948, 13.4487

Details

The XYZ color **57.7130, 59.4377, 52.6868** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2388, 55.8003, 73.6632**, and the grayscale version is **56.8416, 59.8018, 65.1242**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **29.1416, 29.8241, 24.9896** is the 20% darker color. If you saturate the color by 10%, you get **53.2855, 53.8974, 40.9910**, and if you desaturate by 10%, it is **62.6595, 65.4587, 66.2716**.

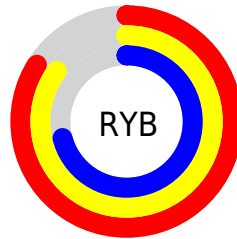
Distribution



Red (85%)

Green (78%)

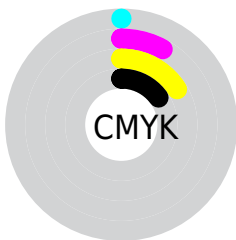
Blue (71%)



Red (84%)

Yellow (85%)

Blue (71%)

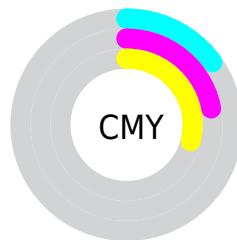


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (15%)



Cyan (15%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7130, 59.4377, 52.6868 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 57.7130, 59.4377, 52.6868 by changing the saturation by 10% instead.


 57.7130, 59.4377,
52.6868

 57.7130, 59.4377,
52.6868


406.0868,
422.5220, 414.1145

 41.8203, 42.9656,
37.1668


 100.6302,
104.0135, 95.5802

 29.1511, 29.8581,
25.0399


128.3854,
132.8861, 123.7907

 19.3400, 19.7309,
15.8875


160.8255,
166.6608, 157.0684

 12.0217, 12.1996,
9.2911

198.3158,
205.7222, 195.8319

 6.8308, 6.8798,
4.8321

241.2218,
250.4546, 240.4997

 3.4019, 3.3870,
2.0921

289.9087,

 1.3697, 1.3370,

301.2425, 291.4904

0.6111

344.7419,
358.4701, 349.2225

■ 0.2345, 0.1696,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7130, 59.4377,
52.6868

■ 57.7130, 59.4377,
52.6868

■ 53.2855, 53.8974,
40.9910

■ 62.6595, 65.4587,
66.2716

■ 49.3528, 48.8168,
31.0951

■ 68.1384, 71.9651,
81.8211

■ 45.8960, 44.1847,
22.9088

■ 74.1685, 78.9714,
99.4119

■ 42.8926, 39.9865,
16.3320

■ 78.4635, 85.5679,
106.9885

■ 40.3182, 36.2064,
11.2544

■ 81.6934, 92.0277,
108.0652

■ 38.1455, 32.8274,
7.5512

■ 82.4254, 93.4918,
108.3092

■ 36.3433, 29.8305,
5.0774

■ 34.8732, 27.1937,
3.6521

■ 34.3686, 26.2583,
3.2569

Harmonies

Analogous

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



59.8525, 59.4377, 55.7587



57.7130, 59.4377, 52.6868



55.3047, 59.4377, 52.6781

Triad

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



57.7130, 59.4377, 52.6868



52.1166, 59.4377, 68.2081



59.8426, 59.4377, 74.6181

Complementary

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



57.7130, 59.4377, 52.6868



52.2388, 55.8003, 73.6632

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.



57.6998, 59.4377, 78.4644



57.7130, 59.4377, 52.6868



53.2631, 59.4377, 74.5880

Square

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



57.7130, 59.4377, 52.6868



52.1199, 59.4377, 61.3121



55.2918, 59.4377, 78.4530



61.1057, 59.4377, 68.2468

Rectangle

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



57.7130, 59.4377, 52.6868



53.8726, 59.4377, 54.3959



55.2918, 59.4377, 78.4530



59.1986, 59.4377, 76.2687

Sweetspot

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



57.7146, 59.4403, 52.6881



91.1212, 95.3191, 97.7972



55.7107, 52.3551, 61.5076



19.3889, 20.2645, 20.6111



0.0000, 0.0000, 0.0000



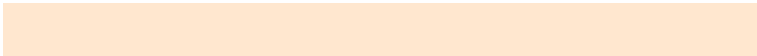
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7146, 59.4403, 52.6881



81.1561, 83.1602, 70.5176



61.8720, 67.7552, 54.0739



13.6072, 14.1537, 13.7403



20.9112, 16.1079, 2.0070



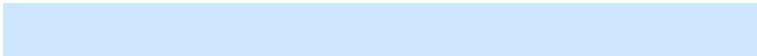
1.4409, 1.2159, 0.1587

Inverse Universe

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



52.2388, 55.8003, 73.6632



71.9747, 77.0569, 105.6877



48.5445, 48.4116, 72.4317



12.8580, 13.6556, 16.6103



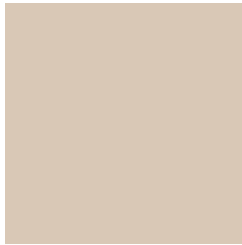
10.7675, 9.4044, 40.9861



0.7836, 0.7814, 2.6840

Previews

White Background



This preview shows how the XYZ color 57.7130, 59.4377, 52.6868 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 57.7130, 59.4377, 52.6868 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

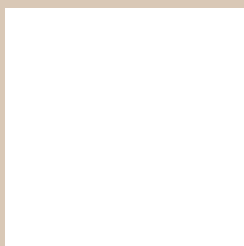
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7130, 59.4377, 52.6868

Background



This preview shows how black text looks on a background with the XYZ color 57.7130, 59.4377, 52.6868.



This preview shows how white text looks on a background with the XYZ color 57.7130, 59.4377,

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

57.7130, 59.4377, 52.6868

Protanopia

56.5317, 59.5088, 53.3066

Deuteranopia

60.3754, 59.1071, 53.0264



Tritanopia

61.3166, 59.5552, 69.8916

Trichromacy



Original Color

57.7130, 59.4377, 52.6868

Protanomaly

56.8745, 59.3383, 53.2556

Deuteranomaly

59.5648, 59.3590, 53.1178

Tritanomaly

59.9068, 59.3183, 62.9357

Monochromacy



Original Color

57.7130, 59.4377, 52.6868

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9833, 59.5911, 60.1286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7130, 59.4377, 52.6868 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(217, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 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(217, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.7130, 59.4377, 52.6868 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(217, 200, 182) }
```


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

```
.border{ border-color:rgb(217, 200, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 200, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 200, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 200, 182); box-shadow:4px 4px 4px 4px rgb(217, 200, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7130, 59.4377, 52.6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 182) }
```

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

```
.background{ background-color: rgb(217,  
200, 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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