

Converting Colors

XYZ(57.3076, 60.0283, 53.9181)

Have a look what the booklet for
XYZ(57.3076, 60.0283, 53.9181)
contains.

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Color

**XYZ(57.2128, 59.8479,
53.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CAB8
RGB	213, 202, 184
RGB Percent	84%, 79%, 72%
CMY	0.1647, 0.2078, 0.2784
CMYK	0.00, 0.05, 0.14, 0.16
HSL	37°, 26%, 78%
HSV	37°, 14%, 84%
XYZ	57.2128, 59.8479, 53.8838
YIQ	203.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

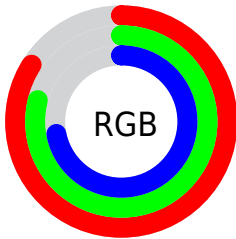
Format	Color
R _Y B	202, 213, 184
Decimal	14011064
CIE Lab	81.76, 0.81, 10.35
CIE LCh	82, 10.379, 85.518
Yxy	59.8479, 0.3347, 0.3501
Android (android.graphics.Color)	4292201144 (0xFFD5CAB8)
YUV	203.2370, -9.4838, 8.5622
Hunter-Lab	77.3614, -3.3725, 12.8563

Details

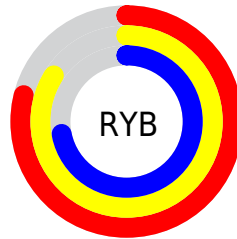
The XYZ color **57.2128, 59.8479, 53.8838** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2923, 54.0235, 70.6754**, and the grayscale version is **56.9673, 59.9341, 65.2682**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **28.7872, 30.0876, 25.7630** is the 20% darker color. If you saturate the color by 10%, you get **53.3009, 55.3319, 42.3812**, and if you desaturate by 10%, it is **61.5634, 64.7020, 67.1927**.

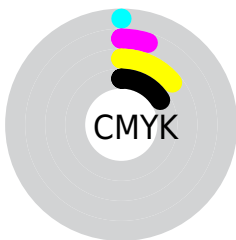
Distribution



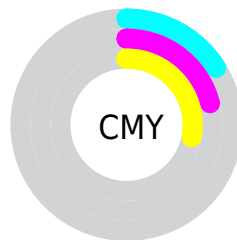
- Red (84%)
- Green (79%)
- Blue (72%)



- Red (79%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2128, 59.8479, 53.8838 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 57.2128, 59.8479, 53.8838 by changing the saturation by 10% instead.

■ 57.2128, 59.8479,
53.8838

■ 57.2128, 59.8479,
53.8838

404.2475,
424.0369, 418.8288

■ 41.4169, 43.2960,
38.1162

■ 99.9052, 104.6090,
97.3583

■ 28.8341, 30.1175,
25.7704

127.5324,
133.5870, 125.9023

■ 19.0990, 19.9278,
16.4277

159.8341,
167.4759, 159.5422

■ 11.8463, 12.3425,
9.6697

197.1757,
206.6600, 198.6965

■ 6.7105, 6.9774,
5.0778

239.9225,
251.5238, 243.7838

■ 3.3265, 3.4480,
2.2334

288.4398,

■ 1.3287, 1.3698,

302.4516, 295.2226

0.6936

343.0930,
359.8279, 353.4314

■ 0.2045, 0.1943,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2128, 59.8479,
53.8838

■ 57.2128, 59.8479,
53.8838

■ 53.3009, 55.3319,
42.3812

■ 61.5634, 64.7020,
67.1927

■ 49.8064, 51.1372,
32.6016

■ 66.3632, 69.8949,
82.3785

■ 46.7131, 47.2568,
24.4610

■ 71.6287, 75.4374,
99.5127

■ 44.0021, 43.6807,
17.8667

■ 75.0019, 80.3885,
106.1712

■ 41.6524, 40.3978,
12.7166

■ 77.3579, 85.1005,
106.9566

■ 39.6407, 37.3962,
8.8961

■ 79.8201, 90.0250,
107.7773

■ 37.9404, 34.6625,
6.2733

■ 81.2507, 92.8862,
108.2542

■ 36.5194, 32.1811,
4.6882

■ 35.7245, 30.7137,
4.0455

Harmonies

Analogous

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



59.2969, 59.8479, 55.7357



57.2128, 59.8479, 53.8838



55.0919, 59.8479, 54.8922

Triad

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



57.2128, 59.8479, 53.8838



53.1737, 59.8479, 70.4892



60.4196, 59.8479, 72.2205

Complementary

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



57.2128, 59.8479, 53.8838



51.2923, 54.0235, 70.6754

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.



58.7138, 59.8479, 76.6438



57.2128, 59.8479, 53.8838



54.5367, 59.8479, 75.6002

Square

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



57.2128, 59.8479, 53.8838



52.7949, 59.8479, 64.2278



56.5557, 59.8479, 77.9183



61.1782, 59.8479, 66.1096

Rectangle

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



57.2128, 59.8479, 53.8838



53.9369, 59.8479, 57.0873



56.5557, 59.8479, 77.9183



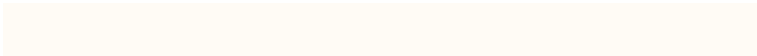
59.9358, 59.8479, 73.9690

Sweetspot

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



57.2144, 59.8505, 53.8851



92.2295, 96.9176, 100.0722



54.4452, 52.3733, 58.9392



19.6300, 20.6223, 21.0753



0.0000, 0.0000, 0.0000



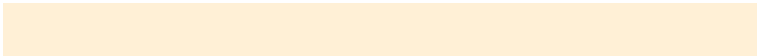
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2144, 59.8505, 53.8851



84.4251, 88.1692, 76.3210



58.9158, 64.6951, 54.7305



13.0589, 13.6920, 13.1153



21.9232, 18.9637, 2.5049



1.4009, 1.3011, 0.1773

Inverse Universe

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



51.2923, 54.0235, 70.6754



74.0450, 77.9562, 105.7522



49.7389, 49.6992, 69.9226



12.1246, 12.7727, 15.7639



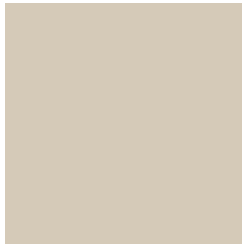
9.2141, 6.6899, 39.2588



0.6343, 0.5606, 2.3941

Previews

White Background



This preview shows how the XYZ color 57.2128, 59.8479, 53.8838 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 57.2128, 59.8479, 53.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

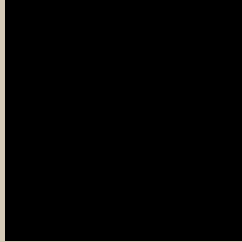
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

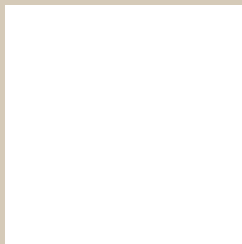
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2128, 59.8479, 53.8838

Background



This preview shows how black text looks on a background with the XYZ color 57.2128, 59.8479, 53.8838.

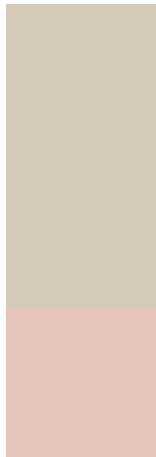


This preview shows how white text looks on a background with the XYZ color 57.2128, 59.8479,

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

57.2128, 59.8479, 53.8838

Protanopia

56.8716, 60.0214, 53.9352

Deuteranopia

60.8100, 59.6407, 54.2057



Tritanopia

60.8196, 59.9440, 71.3156

Trichromacy



Original Color

57.2128, 59.8479, 53.8838

Protanomaly

57.1590, 60.1696, 53.9487

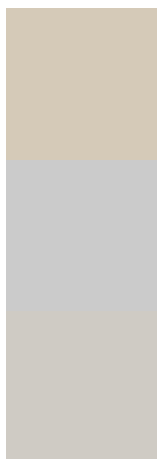
Deuteranomaly

59.3825, 59.5789, 54.2690

Tritanomaly

59.4030, 59.7100, 64.2714

Monochromacy



Original Color

57.2128, 59.8479, 53.8838

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0519, 59.9628, 60.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2128, 59.8479, 53.8838 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, 202, 184) looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 184)  
}
```

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, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.2128, 59.8479, 53.8838 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, 202, 184) }
```


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

```
.border{ border-color:rgb(213, 202, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2128, 59.8479, 53.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 184) }
```

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

```
.background{ background-color: rgb(213,  
202, 184) }
```

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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