

Converting Colors

XYZ(57.6100, 59.3965, 52.1444)

Have a look what the booklet for
XYZ(57.6100, 59.3965, 52.1444)
contains.

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Color

**XYZ(57.6100, 59.3965,
52.1444)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C8B5
RGB	217, 200, 181
RGB Percent	85%, 78%, 71%
CMY	0.1490, 0.2157, 0.2902
CMYK	0.00, 0.08, 0.17, 0.15
HSL	32°, 32%, 78%
HSV	32°, 17%, 85%
XYZ	57.6100, 59.3965, 52.1444
YIQ	202.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

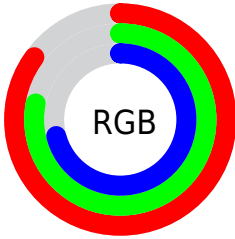
Format	Color
R_{YB}	213, 217, 181
Decimal	14272693
CIE _{Lab}	81.51, 2.85, 11.64
CIE _{LCh}	82, 11.987, 76.256
Yxy	59.3965, 0.3406, 0.3511
Android (android.graphics.Color)	4292462773 (0xFFD9C8B5)
YUV	202.9170, -10.8051, 12.3508
Hunter-Lab	77.0691, -1.4403, 13.8332

Details

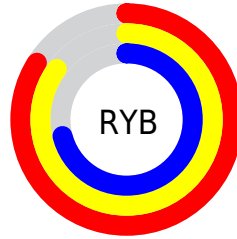
The XYZ color **57.6100, 59.3965, 52.1444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7742, 55.2203, 73.5757**, and the grayscale version is **56.7725, 59.7291, 65.0450**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **29.0755, 29.7977, 24.6412** is the 20% darker color. If you saturate the color by 10%, you get **53.2613, 53.9889, 40.5520**, and if you desaturate by 10%, it is **62.4677, 65.2661, 65.6189**.

Distribution



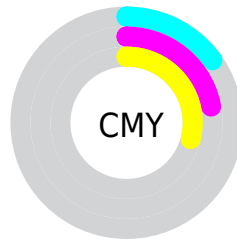
- Red (85%)
- Green (78%)
- Blue (71%)



- Red (84%)
- Yellow (85%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6100, 59.3965, 52.1444 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 57.6100, 59.3965, 52.1444 by changing the saturation by 10% instead.


 57.6100, 59.3965,
52.1444

 57.6100, 59.3965,
52.1444


405.7085,
422.3697, 411.9666

 41.7372, 42.9324,
36.7372


 100.4809,
103.9537, 94.7729

 29.0858, 29.8321,
24.7099


128.2098,
132.8156, 122.8313

 19.2903, 19.7112,
15.6440

160.6215,
166.5789, 155.9437

 11.9855, 12.1853,
9.1210

198.0812,
205.6279, 194.5288

 6.8059, 6.8700,
4.7223

240.9545,
250.3471, 239.0051

 3.3863, 3.3809,
2.0294

289.6065,

 1.3612, 1.3337,

301.1209, 289.7912

0.5733

344.4027,
358.3336, 347.3055

■ 0.2283, 0.1671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6100, 59.3965,
52.1444

■ 57.6100, 59.3965,
52.1444

■ 53.2613, 53.9889,
40.5520

■ 62.4677, 65.2661,
65.6189

■ 49.3979, 49.0229,
30.7526

■ 67.8477, 71.6018,
81.0516

■ 46.0007, 44.4877,
22.6555

■ 73.7685, 78.4177,
98.5188

■ 43.0477, 40.3693,
16.1603

■ 78.1158, 84.8726,
106.8727

■ 40.5147, 36.6525,
11.1563

■ 81.2339, 91.1087,
107.9120

■ 38.3745, 33.3209,
7.5181

■ 82.4254, 93.4918,
108.3092

■ 36.5960, 30.3561,
5.0995

■ 35.1402, 27.7365,
3.7141

■ 34.6955, 26.9121,
3.3659

Harmonies

Analogous

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



59.8607, 59.3965, 55.1848



57.6100, 59.3965, 52.1444



55.1132, 59.3965, 52.2805

Triad

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



57.6100, 59.3965, 52.1444



51.9432, 59.3965, 68.6229



60.0165, 59.3965, 74.7171

Complementary

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



57.6100, 59.3965, 52.1444



51.7742, 55.2203, 73.5757

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.



57.8175, 59.3965, 78.8830



57.6100, 59.3965, 52.1444



53.1802, 59.3965, 75.1902

Square

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



57.6100, 59.3965, 52.1444



51.8914, 59.3965, 61.4414



55.3147, 59.3965, 79.0623



61.2778, 59.3965, 68.0154

Rectangle

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



57.6100, 59.3965, 52.1444



53.6459, 59.3965, 54.1466



55.3147, 59.3965, 79.0623



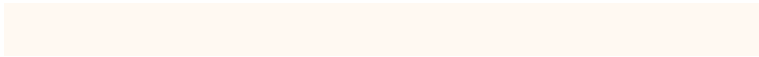
59.3596, 59.3965, 76.4815

Sweetspot

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



57.6116, 59.3991, 52.1457



91.1743, 95.4253, 97.8149



55.3790, 51.8959, 60.7671



19.4018, 20.2903, 20.6154



0.0000, 0.0000, 0.0000



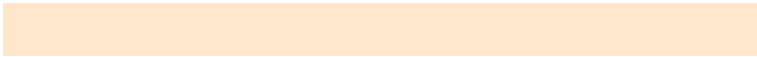
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6116, 59.3991, 52.1457



80.6935, 82.7284, 68.8419



61.5910, 67.6222, 53.5231



13.6221, 14.1836, 13.7453



21.1095, 16.5045, 2.0731



1.4536, 1.2413, 0.1630

Inverse Universe

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



51.7742, 55.2203, 73.5757



70.7164, 75.5865, 105.4702



48.2461, 47.9548, 72.3593



12.8431, 13.6259, 16.6053



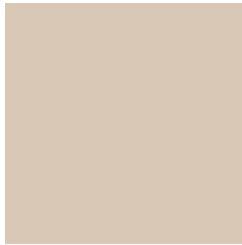
10.5885, 9.0464, 40.9264



0.7718, 0.7577, 2.6800

Previews

White Background



This preview shows how the XYZ color 57.6100, 59.3965, 52.1444 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 57.6100, 59.3965, 52.1444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

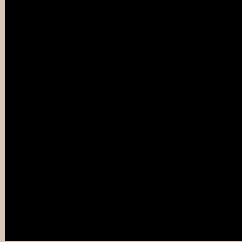
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

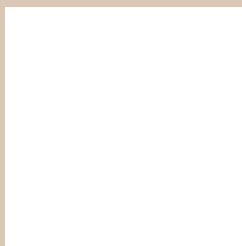
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6100, 59.3965, 52.1444

Background



This preview shows how black text looks on a background with the XYZ color 57.6100, 59.3965, 52.1444.



This preview shows how white text looks on a background with the XYZ color 57.6100, 59.3965,

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

57.6100, 59.3965, 52.1444

Protanopia

56.4280, 59.4673, 52.7602

Deuteranopia

60.5917, 59.2306, 52.4951



Tritanopia

61.3166, 59.5552, 69.8916

Trichromacy



Original Color

57.6100, 59.3965, 52.1444

Protanomaly

56.7707, 59.2968, 52.7093

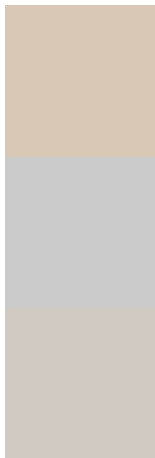
Deuteranomaly

59.4611, 59.3175, 52.5714

Tritanomaly

59.9068, 59.3183, 62.9357

Monochromacy



Original Color

57.6100, 59.3965, 52.1444

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 57.6100, 59.3965, 52.1444 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 181) }
```

Border

The CSS property to change the border of an element to XYZ 57.6100, 59.3965, 52.1444 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, 181) }
```


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

```
.border{ border-color:rgb(217, 200, 181) }
```

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, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6100, 59.3965, 52.1444 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, 181) }
```

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

```
.background{ background-color: rgb(217,  
200, 181) }
```

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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