

Converting Colors

XYZ(60.2477, 59.3989, 52.2416)

Have a look what the booklet for
XYZ(60.2477, 59.3989, 52.2416)
contains.

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Color

**XYZ(60.0753, 59.3100,
51.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C4B5
RGB	228, 196, 181
RGB Percent	89%, 77%, 71%
CMY	0.1059, 0.2314, 0.2902
CMYK	0.00, 0.14, 0.21, 0.11
HSL	19°, 47%, 80%
HSV	19°, 21%, 89%
XYZ	60.0753, 59.3100, 51.9977
YIQ	203.8580, 23.8870, 2.1190

Conversions

Conversions Part 2

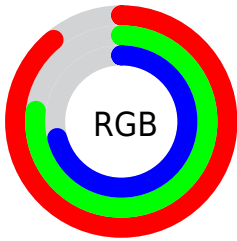
Format	Color
R _Y B	228, 203, 181
Decimal	14992565
CIE Lab	81.46, 9.00, 11.71
CIE LCh	81, 14.771, 52.441
Yxy	59.3100, 0.3505, 0.3461
Android (android.graphics.Color)	4293182645 (0xFFE4C4B5)
YUV	203.8580, -11.2690, 21.1725
Hunter-Lab	77.0130, 4.4693, 13.8776

Details

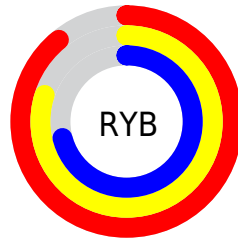
The XYZ color **60.0753, 59.3100, 51.9977** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8534, 63.0121, 82.5652**, and the grayscale version is **57.3645, 60.3519, 65.7232**.

A 20% lighter version of the original color is **91.6513, 97.6250, 94.1337**, and **30.5825, 29.6752, 24.5381** is the 20% darker color. If you saturate the color by 10%, you get **54.6032, 51.8080, 39.5608**, and if you desaturate by 10%, it is **66.2957, 67.6949, 66.5743**.

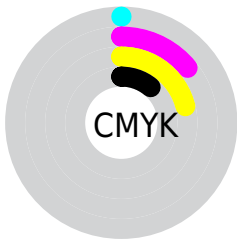
Distribution



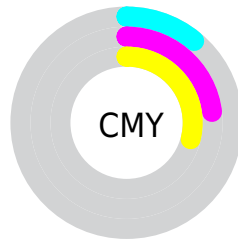
- Red (89%)
- Green (77%)
- Blue (71%)



- Red (89%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0753, 59.3100, 51.9977 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 60.0753, 59.3100, 51.9977 by changing the saturation by 10% instead.


 60.0753, 59.3100,
51.9977

 60.0753, 59.3100,
51.9977


414.7056,
422.0498, 411.3844

 43.7290, 42.8627,
36.6210


 104.0446,
103.8281, 94.5544

 30.6545, 29.7774,
24.6207


132.3984,
132.6677, 122.5715

 20.4865, 19.6697,
15.5783

165.4853,
166.4068, 155.6391

 12.8595, 12.1552,
9.0751

203.6708,
205.4299, 194.1758

 7.4082, 6.8495,
4.6927

247.3203,
250.1214, 238.6002

 3.7672, 3.3681,
2.0126

296.7989,

 1.5713, 1.3268,

300.8656, 289.3307

0.5630

352.4723,
358.0469, 346.7859

■ 0.3736, 0.1618,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0753, 59.3100,
51.9977

■ 60.0753, 59.3100,
51.9977

■ 54.6032, 51.8080,
39.5608

■ 66.2957, 67.6949,
66.5743

■ 49.8450, 45.1516,
29.1581

■ 73.2875, 76.9827,
83.3815

■ 45.7708, 39.3123,
20.6810

■ 81.0786, 87.2025,
102.5098

■ 42.3462, 34.2571,
14.0089

■ 85.8051, 95.2341,
108.4673

■ 39.5338, 29.9504,
9.0077

■ 37.2916, 26.3536,
5.5240

■ 35.5713, 23.4240,
3.3756

■ 34.3637, 21.2313,
2.2869

Harmonies

Analogous

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



62.0488, 59.3100, 58.2936



60.0753, 59.3100, 51.9977



57.1582, 59.3100, 49.1253

Triad

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



60.0753, 59.3100, 51.9977



50.6809, 59.3100, 62.3641



58.6728, 59.3100, 81.6318

Complementary

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



60.0753, 59.3100, 51.9977



56.8534, 63.0121, 82.5652

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.



55.5938, 59.3100, 82.9736



60.0753, 59.3100, 51.9977



51.0531, 59.3100, 71.2997

Square

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



60.0753, 59.3100, 51.9977



51.7889, 59.3100, 54.7440



52.8248, 59.3100, 79.0406



61.2187, 59.3100, 75.5255

Rectangle

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



60.0753, 59.3100, 51.9977



55.1011, 59.3100, 49.3355



52.8248, 59.3100, 79.0406



57.6631, 59.3100, 82.6763

Sweetspot

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



60.0769, 59.3127, 51.9989



89.4505, 92.5871, 95.3612



60.5444, 54.3525, 70.3290



19.0204, 19.6503, 20.1096



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.



60.0769, 59.3127, 51.9989



74.1156, 71.9207, 59.4104



65.7675, 70.6940, 53.8958



14.7507, 15.1152, 15.0445



19.9374, 12.4490, 1.3521



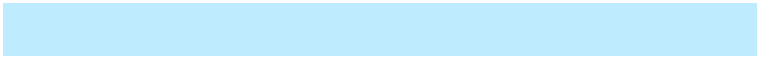
1.5547, 1.0828, 0.1271

Inverse Universe

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



56.8534, 63.0121, 82.5652



69.2065, 77.5443, 105.9277



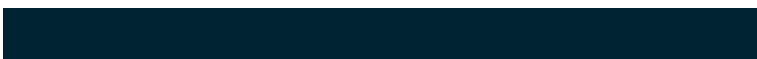
51.3909, 52.0870, 80.7444



14.3992, 15.5197, 18.3810



14.9863, 17.0348, 44.8813



1.1903, 1.4246, 3.3442

Previews

White Background



This preview shows how the XYZ color 60.0753, 59.3100, 51.9977 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 60.0753, 59.3100, 51.9977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

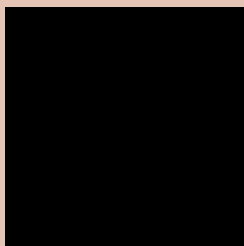
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0753, 59.3100, 51.9977

Background



This preview shows how black text looks on a background with the XYZ color 60.0753, 59.3100, 51.9977.



This preview shows how white text looks on a background with the XYZ color 60.0753, 59.3100,

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

60.0753, 59.3100, 51.9977

Protanopia

56.6362, 59.5506, 53.8568

Deuteranopia

60.4887, 59.1894, 51.9527



Tritanopia

63.0671, 59.1932, 67.1329

Trichromacy



Original Color

60.0753, 59.3100, 51.9977

Protanomaly

57.8168, 59.4792, 53.2331

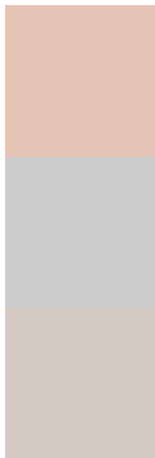
Deuteranomaly

60.1687, 59.0244, 51.9377

Tritanomaly

61.8961, 59.0401, 61.5597

Monochromacy



Original Color

60.0753, 59.3100, 51.9977

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2910, 59.9049, 60.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0753, 59.3100, 51.9977 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(228, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 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(228, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 181) }
```

Border

The CSS property to change the border of an element to XYZ 60.0753, 59.3100, 51.9977 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(228, 196, 181) }
```


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

```
.border{ border-color:rgb(228, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 196, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 196, 181); box-shadow:4px 4px 4px 4px rgb(228, 196, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0753, 59.3100, 51.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 181) }
```

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

```
.background{ background-color: rgb(228,  
196, 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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