

Converting Colors

XYZ(60.3600, 61.7581, 56.8833)

Have a look what the booklet for
XYZ(60.3600, 61.7581, 56.8833)
contains.

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Color

**XYZ(60.3600, 61.7581,
56.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCBBD
RGB	221, 203, 189
RGB Percent	87%, 80%, 74%
CMY	0.1333, 0.2039, 0.2588
CMYK	0.00, 0.08, 0.14, 0.13
HSL	26°, 32%, 80%
HSV	26°, 14%, 87%
XYZ	60.3600, 61.7581, 56.8833
YIQ	206.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

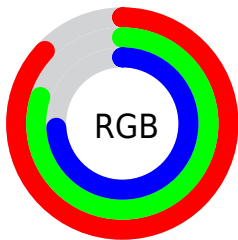
Format	Color
RYB	221, 214, 189
Decimal	14535613
CIELab	82.78, 3.98, 9.24
CIELCh	83, 10.060, 66.704
Yxy	61.7581, 0.3372, 0.3450
Android (android.graphics.Color)	4292725693 (0xFFDDCBBD)
YUV	206.7860, -8.7685, 12.4657
Hunter-Lab	78.5863, -0.4251, 12.0944

Details

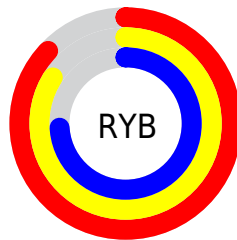
The XYZ color **60.3600, 61.7581, 56.8833** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3500, 60.6637, 77.1464**, and the grayscale version is **59.2196, 62.3036, 67.8486**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **30.9173, 31.3795, 27.7199** is the 20% darker color. If you saturate the color by 10%, you get **55.3236, 55.2360, 44.2572**, and if you desaturate by 10%, it is **66.0007, 68.9026, 71.5157**.

Distribution



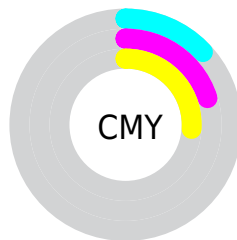
- Red (87%)
- Green (80%)
- Blue (74%)



- Red (87%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3600, 61.7581, 56.8833 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 60.3600, 61.7581, 56.8833 by changing the saturation by 10% instead.

60.3600, 61.7581,
56.8833

60.3600, 61.7581,
56.8833

415.7370,
431.0482, 430.4934

43.9594, 44.8373,
40.5028

104.4551,
107.3758, 101.7935

30.8364, 31.3293,
27.6140

132.8803,
136.8415, 131.1604

20.6255, 20.8497,
17.7984

166.0445,
171.2576, 165.6931

12.9614, 13.0142,
10.6374

204.3130,
211.0086, 205.8101

7.4788, 7.4383,
5.7125

248.0511,
256.4787, 251.9302

3.8123, 3.7377,
2.6051

297.6243,

1.5965, 1.5279,

308.0524, 304.4717

0.8951

353.3977,
366.1141, 363.8533

■ 0.3901, 0.3083,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3600, 61.7581,
56.8833

■ 60.3600, 61.7581,
56.8833

■ 55.3236, 55.2360,
44.2572

■ 66.0007, 68.9026,
71.5157

■ 50.8645, 49.3104,
33.5448

■ 72.2613, 76.6780,
88.2337

■ 46.9609, 43.9656,
24.6521

■ 79.1147, 85.0837,
106.8607

■ 43.5875, 39.1821,
17.4753

■ 82.9057, 92.6655,
108.1244

■ 40.7169, 34.9390,
11.9002

■ 83.6290, 94.1123,
108.3655

■ 38.3187, 31.2137,
7.7983

■ 36.3582, 27.9818,
5.0210

■ 34.7945, 25.2152,
3.3874

■ 34.0676, 23.8694,
2.8117

Harmonies

Analogous

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



62.0983, 61.7581, 60.3711



60.3600, 61.7581, 56.8833



58.2149, 61.7581, 56.0910

Triad

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



60.3600, 61.7581, 56.8833



54.6635, 61.7581, 68.6447



61.2211, 61.7581, 77.2563

Complementary

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



60.3600, 61.7581, 56.8833



56.3500, 60.6637, 77.1464

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.



59.1863, 61.7581, 79.7854



60.3600, 61.7581, 56.8833



55.4265, 61.7581, 74.6199

Square

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



60.3600, 61.7581, 56.8833



54.9603, 61.7581, 62.6411



57.0692, 61.7581, 78.7922



62.6040, 61.7581, 72.0672

Rectangle

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



60.3600, 61.7581, 56.8833



56.8494, 61.7581, 57.1516



57.0692, 61.7581, 78.7922



60.5888, 61.7581, 78.4598

Sweetspot

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



60.3617, 61.7608, 56.8846



91.6482, 95.7549, 99.8784



59.2959, 56.2797, 66.8555



19.4829, 20.3280, 21.0262



0.0000, 0.0000, 0.0000



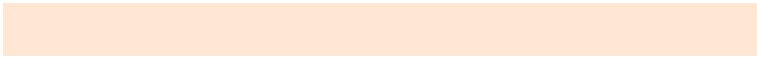
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3617, 61.7608, 56.8846



81.5496, 82.9359, 73.7662



64.3014, 69.6404, 58.1979



13.5225, 13.9844, 13.7121



19.8987, 14.0830, 1.6695



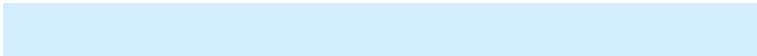
1.3739, 1.0819, 0.1364

Inverse Universe

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



56.3500, 60.6637, 77.1464



75.1043, 81.1725, 106.3172



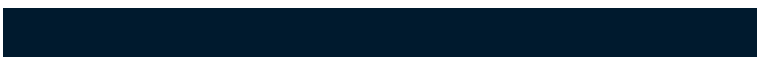
52.6981, 53.3599, 75.9291



12.9431, 13.8260, 16.6386



11.9040, 11.6775, 41.3650



0.8564, 0.9270, 2.7082

Previews

White Background



This preview shows how the XYZ color 60.3600, 61.7581, 56.8833 looks on a white background.

Color Contrast Check

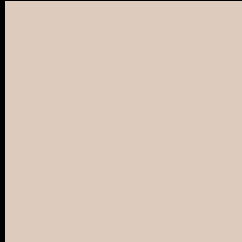
Large Text (above 18pt) WCAG AA × Fail

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 60.3600, 61.7581, 56.8833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

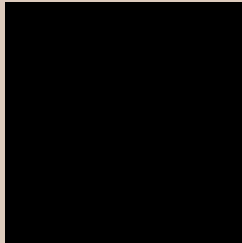
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3600, 61.7581, 56.8833

Background



This preview shows how black text looks on a background with the XYZ color 60.3600, 61.7581, 56.8833.



This preview shows how white text looks on a background with the XYZ color 60.3600, 61.7581,

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

60.3600, 61.7581, 56.8833

Protanopia

58.8571, 61.6765, 57.5178

Deuteranopia

62.9964, 61.7204, 57.3081



Tritanopia

63.4296, 61.6004, 72.8369

Trichromacy



Original Color

60.3600, 61.7581, 56.8833

Protanomaly

59.5024, 61.6552, 57.4797

Deuteranomaly

61.9434, 61.5202, 57.3250

Tritanomaly

62.2263, 61.4528, 66.9744

Monochromacy



Original Color

60.3600, 61.7581, 56.8833

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6480, 62.3098, 63.5268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3600, 61.7581, 56.8833 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(221, 203, 189)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 189)  
}
```

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(221, 203, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 189) }
```

Border

The CSS property to change the border of an element to XYZ 60.3600, 61.7581, 56.8833 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(221, 203, 189) }
```


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

```
.border{ border-color:rgb(221, 203, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 203, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 203, 189);  
box-shadow:4px 4px 4px 4px rgb(221, 203,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3600, 61.7581, 56.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 189) }
```

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

```
.background{ background-color: rgb(221,  
203, 189) }
```

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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