

Converting Colors

XYZ(51.5989, 47.6200, 59.3031)

Have a look what the booklet for
XYZ(51.5989, 47.6200, 59.3031)
contains.

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Color

**XYZ(51.6000, 47.6200,
59.2953)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D2ADC5 |
| RGB | 210, 173, 197 |
| RGB Percent | 82%, 68%, 77% |
| CMY | 0.1765, 0.3215, 0.2274 |
| CMYK | 0.00, 0.18, 0.06, 0.18 |
| HSL | 321°, 29%, 75% |
| HSV | 321°, 18%, 82% |
| XYZ | 51.6000, 47.6200, 59.2953 |
| YIQ | 186.7990, 14.3480, 15.3080 |

Conversions

Conversions Part 2

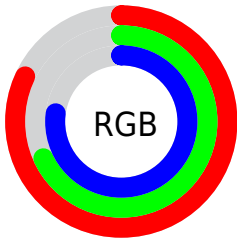
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 210, 173, 197 |
| Decimal | 13807045 |
| CIE Lab | 74.58, 17.44, -7.14 |
| CIE LCh | 75, 18.843, 337.721 |
| Yxy | 47.6200, 0.3255, 0.3004 |
| Android (android.graphics.Color) | 4291997125 (0xFFD2ADC5) |
| YUV | 186.7990, 5.0291, 20.3473 |
| Hunter-Lab | 69.0072, 12.7103, -2.6406 |

Details

The XYZ color **51.6000, 47.6200, 59.2953** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.1450, 58.5240, 55.1632**, and the grayscale version is **47.0889, 49.5412, 53.9504**.

A 20% lighter version of the original color is **87.1487, 84.4544, 105.4740**, and **25.1920, 22.3847, 28.9795** is the 20% darker color. If you saturate the color by 10%, you get **47.0607, 39.8610, 53.7124**, and if you desaturate by 10%, it is **56.8164, 56.6655, 65.3092**.

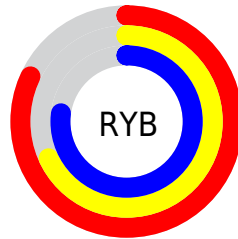
Distribution



Red (82%)

Green (68%)

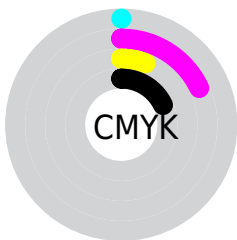
Blue (77%)



Red (82%)

Yellow (68%)

Blue (77%)

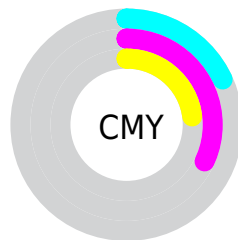


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6000, 47.6200, 59.2953 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 51.6000, 47.6200, 59.2953 by changing the saturation by 10% instead.


 51.6000, 47.6200,
59.2953

 51.6000, 47.6200,
59.2953


383.2398,
377.2839, 439.7277

 36.9093, 33.5261,
42.4293

 91.7188, 86.6384,
105.3401

 25.3106, 22.5297,
29.1095


117.8776,
112.3316, 135.3559

 16.4386, 14.2467,
18.9174


148.5898,
142.6600, 170.5921

 9.9279, 8.2924,
11.4344

184.2208,
178.0080, 211.4673

 5.4131, 4.2826,
6.2420

225.1360,
218.7600, 258.3999

 2.5288, 1.8329,
2.9216

271.7006,

 0.9098, 0.5075,

265.3004, 311.8084

1.0547

324.2801,
318.0136, 372.1115

■ 0.0000, 0.0000,
0.0000

■ 51.6000, 47.6200,
59.2953

■ 51.6000, 47.6200,
59.2953

■ 47.0607, 39.8610,
53.7124

■ 56.8164, 56.6655,
65.3092

■ 43.1642, 33.3231,
48.5446

■ 62.7338, 67.0466,
71.7633

■ 39.8796, 27.9444,
43.7791

■ 69.3801, 78.8175,
78.6703

■ 37.1714, 23.6553,
39.4012

■ 76.1374, 90.7413,
85.8267

■ 35.0005, 20.3783,
35.3946

■ 77.1752, 91.1564,
91.2919

■ 33.3225, 18.0260,
31.7415

■ 78.2572, 91.5892,
96.9896

■ 32.0858, 16.4958,
28.4213

■ 79.3839, 92.0399,
102.9227

■ 31.2181, 15.6445,
25.4067

■ 80.3887, 92.4418,
108.2139

■ 31.0375, 15.4854,
24.7237

Harmonies

Analogous

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



49.3902, 47.6200, 68.1566



51.6000, 47.6200, 59.2953



52.0704, 47.6200, 49.3692

Triad

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



51.6000, 47.6200, 59.2953



44.3866, 47.6200, 35.3878



40.2734, 47.6200, 64.2007

Complementary

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



51.6000, 47.6200, 59.2953



49.1450, 58.5240, 55.1632

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.



39.0734, 47.6200, 54.4127



51.6000, 47.6200, 59.2953



41.3693, 47.6200, 38.3770

Square

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



51.6000, 47.6200, 59.2953



47.7914, 47.6200, 36.3505



39.4644, 47.6200, 45.0557



42.8223, 47.6200, 71.2273

Rectangle

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



51.6000, 47.6200, 59.2953



51.3135, 47.6200, 43.6009



39.4644, 47.6200, 45.0557



39.7049, 47.6200, 61.0792

Sweetspot

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



51.6014, 47.6221, 59.2963



90.4036, 91.8480, 103.8341



46.8160, 44.9755, 67.1873



19.2152, 19.4233, 22.0754



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.



51.6014, 47.6221, 59.2963



77.3987, 69.3102, 88.7953



49.6149, 46.8275, 48.8355



12.1270, 11.9356, 13.9448



18.9814, 9.4654, 15.3401



1.0982, 0.5440, 1.0518

Inverse Universe

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



51.6014, 47.6221, 59.2963



77.3987, 69.3102, 88.7953



51.2349, 59.3600, 66.1685



12.1270, 11.9356, 13.9448



18.9814, 9.4654, 15.3401



1.0982, 0.5440, 1.0518

Previews

White Background



This preview shows how the XYZ color 51.6000, 47.6200, 59.2953 looks on a white background.

Color Contrast Check

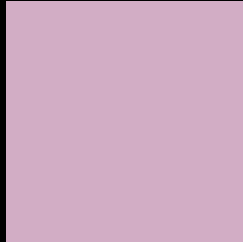
Large Text (above 18pt) WCAG AA × Fail

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 51.6000, 47.6200, 59.2953 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 51.6000, 47.6200, 59.2953

Background



This preview shows how black text looks on a background with the XYZ color 51.6000, 47.6200, 59.2953.



This preview shows how white text looks on a background with the XYZ color 51.6000, 47.6200,

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

51.6000, 47.6200, 59.2953

Protanopia

46.5635, 47.5915, 63.2318

Deuteranopia

48.6492, 47.5621, 58.8409



Tritanopia

50.5076, 47.4583, 54.0753

Trichromacy



Original Color

51.6000, 47.6200, 59.2953

Protanomaly

48.4009, 47.6637, 61.9074

Deuteranomaly

49.5765, 47.4537, 58.7711

Tritanomaly

50.8345, 47.5890, 55.7965

Monochromacy



Original Color

51.6000, 47.6200, 59.2953

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6376, 48.8196, 56.1499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6000, 47.6200, 59.2953 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(210, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 197)  
}
```

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(210, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.6000, 47.6200, 59.2953 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(210, 173, 197) }
```


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

```
.border{ border-color:rgb(210, 173, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6000, 47.6200, 59.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 197) }
```

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

```
.background{ background-color: rgb(210,  
173, 197) }
```

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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