

Converting Colors

XYZ(50.6595, 49.7179, 35.3602)

Have a look what the booklet for
XYZ(50.6595, 49.7179, 35.3602)
contains.

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Color

**XYZ(50.6595, 49.7179,
35.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB495
RGB	218, 180, 149
RGB Percent	85%, 71%, 58%
CMY	0.1451, 0.2941, 0.4157
CMYK	0.00, 0.17, 0.32, 0.15
HSL	27°, 48%, 72%
HSV	27°, 32%, 85%
XYZ	50.6595, 49.7179, 35.3602
YIQ	187.8280, 32.5990, -1.5850

Conversions

Conversions Part 2

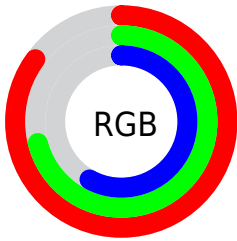
Format	Color
R _Y B	218, 205, 149
Decimal	14333077
CIE Lab	75.90, 9.29, 20.97
CIE LCh	76, 22.935, 66.101
Yxy	49.7179, 0.3732, 0.3663
Android (android.graphics.Color)	4292523157 (0xFFDAB495)
YUV	187.8280, -19.1422, 26.4608
Hunter-Lab	70.5109, 4.8516, 19.6246

Details

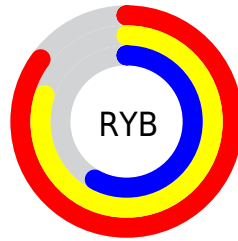
The XYZ color **50.6595, 49.7179, 35.3602** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.8190, 46.9905, 73.1430**, and the grayscale version is **47.7957, 50.2848, 54.7601**.

A 20% lighter version of the original color is **82.0149, 85.5627, 68.6925**, and **24.6943, 23.7420, 14.8364** is the 20% darker color. If you saturate the color by 10%, you get **46.7603, 44.4488, 26.2625**, and if you desaturate by 10%, it is **55.0970, 55.5418, 46.2456**.

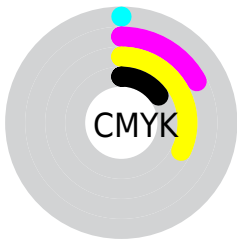
Distribution



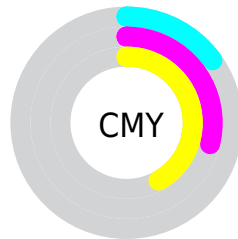
- Red (85%)
- Green (71%)
- Blue (58%)



- Red (85%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6595, 49.7179, 35.3602 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 50.6595, 49.7179, 35.3602 by changing the saturation by 10% instead.


 50.6595, 49.7179,
35.3602


 50.6595, 49.7179,
35.3602

379.6489,
385.5617, 341.1078

 36.1576, 35.1893,
23.6547

 90.3372, 89.7568,
69.2013

 24.7266, 23.8087,
14.8678


 116.2438,
116.0358, 92.1740

 16.0012, 15.1918,
8.5811


146.6827,
147.0005, 119.7394

 9.6158, 8.9541,
4.3759

182.0193,
183.0351, 152.3163

 5.2053, 4.7113,
1.8338

222.6188,
224.5242, 190.3230

 2.4042, 2.0789,
0.4501

268.8467,

 0.8472, 0.6527,

271.8521, 234.1781

0.0000

321.0683,
325.4031, 284.3002

0.0000, 0.0000,
0.0000

50.6595, 49.7179,
35.3602

50.6595, 49.7179,
35.3602

46.7603, 44.4488,
26.2625

55.0970, 55.5418,
46.2456

43.3719, 39.7096,
18.8518

60.0909, 61.9304,
59.0059

40.4703, 35.4836,
13.0219

65.6630, 68.9022,
73.7261

38.0272, 31.7505,
8.6531

71.8327, 76.4726,
90.4851

36.0111, 28.4878,
5.6083

78.1315, 84.4615,
106.7925

■ 34.3848, 25.6707,
3.7236

■ 81.7837, 91.7659,
108.0099

■ 33.2771, 23.6328,
2.8077

■ 82.7235, 93.6454,
108.3231

Harmonies

Analogous

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



54.2029, 49.7179, 41.4306



50.6595, 49.7179, 35.3602



46.3883, 49.7179, 33.9619

Triad

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



50.6595, 49.7179, 35.3602



39.5542, 49.7179, 56.6715



52.2588, 49.7179, 75.4372

Complementary

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



50.6595, 49.7179, 35.3602



42.8190, 46.9905, 73.1430

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.



48.1332, 49.7179, 81.0360



50.6595, 49.7179, 35.3602



40.9285, 49.7179, 69.2010

Square

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



50.6595, 49.7179, 35.3602



40.1409, 49.7179, 45.1579



44.0073, 49.7179, 78.5975



55.1645, 49.7179, 64.2278

Rectangle

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



50.6595, 49.7179, 35.3602



43.7352, 49.7179, 35.6484



44.0073, 49.7179, 78.5975



50.9596, 49.7179, 78.1089

Sweetspot

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



50.6608, 49.7202, 35.3612



87.6727, 90.8093, 89.2883



48.7491, 40.0360, 52.7922



18.5242, 19.1329, 18.4800



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.



50.6608, 49.7202, 35.3612



68.4567, 65.8051, 41.4865



58.2334, 64.8655, 37.8854



13.5354, 14.0101, 13.7164



20.0406, 14.3668, 1.7168



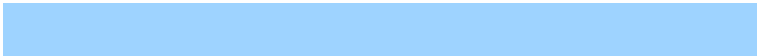
1.3835, 1.1012, 0.1396

Inverse Universe

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



42.8190, 46.9905, 73.1430



55.5785, 61.3159, 103.5136



36.5395, 34.4315, 71.0498



12.9301, 13.7999, 16.6343



11.7175, 11.3044, 41.3028



0.8447, 0.9035, 2.7043

Previews

White Background



This preview shows how the XYZ color 50.6595, 49.7179, 35.3602 looks on a white background.

Color Contrast Check

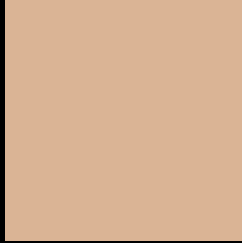
Large Text (above 18pt) WCAG AA × Fail

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 50.6595, 49.7179, 35.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

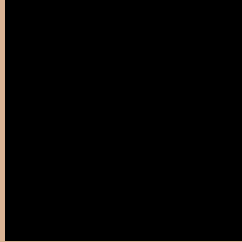
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6595, 49.7179, 35.3602

Background



This preview shows how black text looks on a background with the XYZ color 50.6595, 49.7179, 35.3602.



This preview shows how white text looks on a background with the XYZ color 50.6595, 49.7179,

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

50.6595, 49.7179, 35.3602

Protanopia

46.7265, 49.8134, 36.8580

Deuteranopia

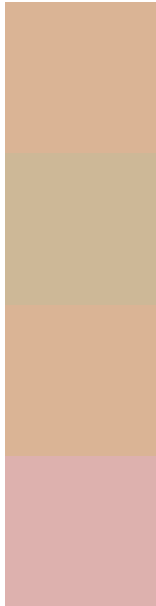
50.6595, 49.7179, 35.3602



Tritanopia

54.5313, 49.8204, 54.3191

Trichromacy



Original Color

50.6595, 49.7179, 35.3602

Protanomaly

47.9032, 49.4945, 36.3068

Deuteranomaly

50.6595, 49.7179, 35.3602

Tritanomaly

53.1809, 49.8724, 46.8678

Monochromacy



Original Color

50.6595, 49.7179, 35.3602

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5421, 49.8960, 47.1169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6595, 49.7179, 35.3602 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(218, 180, 149)` looks like.

```
.text, #text, p{  
    color:rgb(218, 180, 149)  
}
```

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(218, 180, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 180, 149) }
```

Border

The CSS property to change the border of an element to XYZ 50.6595, 49.7179, 35.3602 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(218, 180, 149) }
```


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

```
.border{ border-color:rgb(218, 180, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 180, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 180, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 180, 149);  
box-shadow:4px 4px 4px 4px rgb(218, 180,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6595, 49.7179, 35.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 180, 149) }
```

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

```
.background{ background-color: rgb(218,  
180, 149) }
```

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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