

Converting Colors

XYZ(50.6754, 50.3749, 33.4380)

Have a look what the booklet for
XYZ(50.6754, 50.3749, 33.4380)
contains.

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Color

**XYZ(50.6754, 50.3749,
33.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB690
RGB	218, 182, 144
RGB Percent	85%, 71%, 56%
CMY	0.1451, 0.2863, 0.4353
CMYK	0.00, 0.17, 0.34, 0.15
HSL	31°, 50%, 71%
HSV	31°, 34%, 85%
XYZ	50.6754, 50.3749, 33.4380
YIQ	188.4320, 33.6540, -4.1860

Conversions

Conversions Part 2

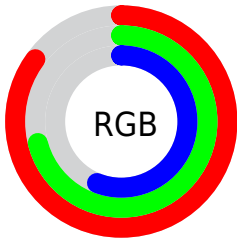
Format	Color
RYB	214, 218, 144
Decimal	14333584
CIELab	76.30, 7.60, 24.20
CIELCh	76, 25.366, 72.573
Yxy	50.3749, 0.3768, 0.3746
Android (android.graphics.Color)	4292523664 (0xFFDAB690)
YUV	188.4320, -21.9050, 25.9311
Hunter-Lab	70.9753, 3.2399, 21.7499

Details

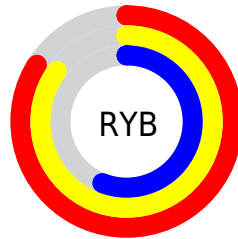
The XYZ color **50.6754, 50.3749, 33.4380** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.4773, 43.6324, 72.6182**, and the grayscale version is **48.1541, 50.6619, 55.1708**.

A 20% lighter version of the original color is **82.0076, 86.4863, 65.7973**, and **24.7263, 24.1722, 13.7184** is the 20% darker color. If you saturate the color by 10%, you get **47.0777, 45.5933, 24.7970**, and if you desaturate by 10%, it is **54.7619, 55.6188, 43.8303**.

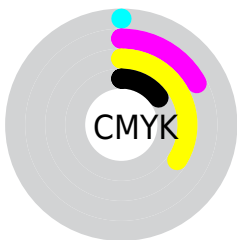
Distribution



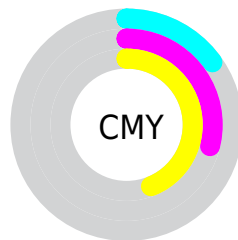
- Red (85%)
- Green (71%)
- Blue (56%)



- Red (84%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (15%)





- Cyan (15%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6754, 50.3749, 33.4380 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 50.6754, 50.3749, 33.4380 by changing the saturation by 10% instead.


 50.6754, 50.3749,
33.4380


 50.6754, 50.3749,
33.4380


379.7098,
388.1302, 332.3111

 36.1703, 35.7114,
22.1883


 90.3606, 90.7301,
66.1826

 24.7365, 24.2114,
13.7957


 116.2715,
117.1906, 88.5147

 16.0085, 15.4905,
7.8416


146.7150,
148.3521, 115.3779

 9.6211, 9.1643,
3.9074

182.0566,
184.5992, 147.1909

 5.2088, 4.8485,
1.5747

222.6614,
226.3161, 184.3722

 2.4063, 2.1587,
0.2727

268.8950,

 0.8482, 0.6973,

273.8873, 227.3403

0.0000

321.1227,
327.6972, 276.5137

■ 0.0000, 0.0000,
0.0000

■ 50.6754, 50.3749,
33.4380

■ 50.6754, 50.3749,
33.4380

■ 47.0777, 45.5933,
24.7970

■ 54.7619, 55.6188,
43.8303

■ 43.9427, 41.2523,
17.8052

■ 59.3541, 61.3319,
56.0620

■ 41.2475, 37.3386,
12.3544

■ 64.4723, 67.5296,
70.2191

■ 38.9652, 33.8352,
8.3222

■ 70.1349, 74.2246,
86.3810

■ 37.0652, 30.7234,
5.5669

■ 76.3590, 81.4287,
104.6226

■ 35.5108, 27.9819,
3.9170

■ 79.8067, 87.8119,
107.3509

■ 34.7032, 26.4849,
3.2830

■ 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.



54.9458, 50.3749, 38.9502



50.6754, 50.3749, 33.4380



45.9138, 50.3749, 33.0263

Triad

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



50.6754, 50.3749, 33.4380



39.4859, 50.3749, 60.7594



54.3467, 50.3749, 76.5208

Complementary

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



50.6754, 50.3749, 33.4380



40.4773, 43.6324, 72.6182

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.



49.9012, 50.3749, 84.6383



50.6754, 50.3749, 33.4380



41.4472, 50.3749, 74.5761

Square

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



50.6754, 50.3749, 33.4380



39.6628, 50.3749, 47.3634



45.1890, 50.3749, 83.8728



57.1600, 50.3749, 63.0860

Rectangle

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



50.6754, 50.3749, 33.4380



43.1166, 50.3749, 35.5828



45.1890, 50.3749, 83.8728



52.9815, 50.3749, 80.0546

Sweetspot

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



50.6767, 50.3772, 33.4390



87.3827, 90.8049, 87.4168



47.2275, 38.1887, 48.5985



18.4863, 19.1717, 18.1139



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.



50.6767, 50.3772, 33.4390



68.4086, 66.7310, 38.3194



59.0190, 67.0619, 36.2198



13.6063, 14.1519, 13.7400



20.8991, 16.0837, 2.0030



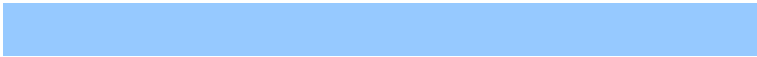
1.4401, 1.2143, 0.1585

Inverse Universe

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



40.4773, 43.6324, 72.6182



51.6686, 55.6627, 102.6285



34.1303, 30.9384, 70.5025



12.8589, 13.6575, 16.6106



10.7788, 9.4271, 40.9899



0.7844, 0.7829, 2.6842

Previews

White Background



This preview shows how the XYZ color 50.6754, 50.3749, 33.4380 looks on a white background.

Color Contrast Check

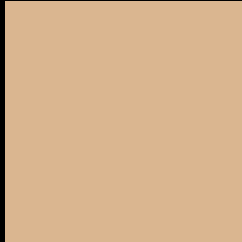
Large Text (above 18pt) WCAG AA × Fail

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 50.6754, 50.3749, 33.4380 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 50.6754, 50.3749, 33.4380

Background



This preview shows how black text looks on a background with the XYZ color 50.6754, 50.3749, 33.4380.



This preview shows how white text looks on a background with the XYZ color 50.6754, 50.3749,

33.4380.

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

50.6754, 50.3749, 33.4380

Protanopia

47.3371, 50.4905, 34.8545

Deuteranopia

51.3767, 50.4335, 33.4124



Tritanopia

55.1421, 50.4128, 54.9684

Trichromacy



Original Color

50.6754, 50.3749, 33.4380

Protanomaly

48.4793, 50.4585, 34.3785

Deuteranomaly

51.0731, 50.2770, 33.3981

Tritanomaly

53.2820, 50.2301, 46.4223

Monochromacy



Original Color

50.6754, 50.3749, 33.4380

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5585, 50.2385, 46.1674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6754, 50.3749, 33.4380 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, 182, 144)` looks like.

```
.text, #text, p{  
    color:rgb(218, 182, 144)  
}
```

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, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 182, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.6754, 50.3749, 33.4380 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, 182, 144) }
```


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

```
.border{ border-color:rgb(218, 182, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 182, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(218, 182,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6754, 50.3749, 33.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 182, 144) }
```

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

```
.background{ background-color: rgb(218,  
182, 144) }
```

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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