

Converting Colors

XYZ(53.8555, 48.1211, 50.1115)

Have a look what the booklet for
XYZ(53.8555, 48.1211, 50.1115)
contains.

XYZ(53.7666, 48.0932, 50.1652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7666, 48.0932,
50.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AAB5
RGB	225, 170, 181
RGB Percent	88%, 67%, 71%
CMY	0.1176, 0.3333, 0.2902
CMYK	0.00, 0.24, 0.20, 0.12
HSL	348°, 48%, 77%
HSV	348°, 24%, 88%
XYZ	53.7666, 48.0932, 50.1652
YIQ	187.6990, 29.2490, 15.0810

Conversions

Conversions Part 2

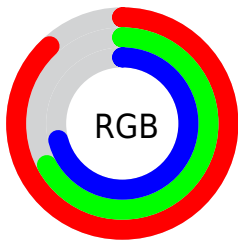
Format	Color
R _Y B	225, 170, 181
Decimal	14789301
CIE Lab	74.88, 21.78, 2.23
CIE LCh	75, 21.892, 5.836
Yxy	48.0932, 0.3537, 0.3164
Android (android.graphics.Color)	4292979381 (0xFFE1AAB5)
YUV	187.6990, -3.3026, 32.7130
Hunter-Lab	69.3493, 17.0301, 5.6559

Details

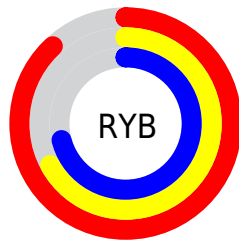
The XYZ color **53.7666, 48.0932, 50.1652** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6424, 67.2528, 73.6701**, and the grayscale version is **47.6369, 50.1177, 54.5782**.

A 20% lighter version of the original color is **83.7224, 81.7671, 91.4908**, and **26.6198, 22.7161, 23.4037** is the 20% darker color. If you saturate the color by 10%, you get **48.1749, 39.6770, 39.7696**, and if you desaturate by 10%, it is **60.3215, 58.0530, 62.0605**.

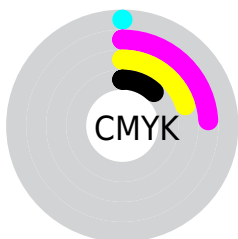
Distribution



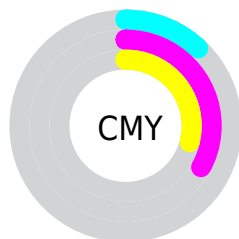
- Red (88%)
- Green (67%)
- Blue (71%)



- Red (88%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7666, 48.0932, 50.1652 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 53.7666, 48.0932, 50.1652 by changing the saturation by 10% instead.

 53.7666, 48.0932,
50.1652

 53.7666, 48.0932,
50.1652


391.4322,
379.1614, 404.0652

 38.6450, 33.9007,
35.1726

 94.8904, 87.3432,
91.8184

 26.6632, 22.8173,
23.5112


121.6233,
113.1694, 119.3161

 17.4557, 14.4587,
14.7626


152.9573,
143.6423, 151.8192

 10.6572, 8.4404,
8.5082

189.2579,
179.1464, 189.7463

 5.9024, 4.3780,
4.3294

230.8903,
220.0659, 233.5159

 2.8259, 1.8872,
1.8077

278.2199,

 1.0624, 0.5407,

266.7853, 283.5466

0.4331

331.6121,
319.6890, 340.2568

■ 0.0000, 0.0000,
0.0000

■ 53.7666, 48.0932,
50.1652

■ 53.7666, 48.0932,
50.1652

■ 48.1749, 39.6770,
39.7696

■ 60.3215, 58.0530,
62.0605

■ 43.4966, 32.7205,
30.8106

■ 67.8783, 69.6214,
75.5091

■ 39.6833, 27.1423,
23.2251

■ 76.4786, 82.8678,
90.5656

■ 36.6807, 22.8498,
16.9439

■ 84.5423, 94.6200,
106.7418

■ 34.4279, 19.7394,
11.8918

■ 84.8616, 94.7477,
108.4232

■ 32.8551, 17.6910,
7.9851

■ 31.8786, 16.5588,
5.1293

■ 31.5250, 16.1970,
3.9461

Harmonies

Analogous

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



53.0657, 48.0932, 61.8732



53.7666, 48.0932, 50.1652



52.2096, 48.0932, 40.5381

Triad

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



53.7666, 48.0932, 50.1652



41.3696, 48.0932, 36.5116



42.6453, 48.0932, 75.0508

Complementary

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



53.7666, 48.0932, 50.1652



55.6424, 67.2528, 73.6701

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.



39.7756, 48.0932, 66.2946



53.7666, 48.0932, 50.1652



39.0696, 48.0932, 43.8851

Square

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



53.7666, 48.0932, 50.1652



44.9363, 48.0932, 33.4254



38.5034, 48.0932, 54.6288



46.4948, 48.0932, 77.3744

Rectangle

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



53.7666, 48.0932, 50.1652



50.1511, 48.0932, 36.2235



38.5034, 48.0932, 54.6288



41.5413, 48.0932, 72.7058

Sweetspot

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



53.7679, 48.0954, 50.1662



87.4029, 88.2494, 95.4263



55.6985, 48.4842, 77.6575



18.5736, 18.6832, 20.1871



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.



53.7679, 48.0954, 50.1662



67.7191, 58.3061, 59.8115



55.9731, 54.2407, 45.5523



13.8187, 13.7451, 14.8156



18.1992, 9.3467, 2.4490



1.2933, 0.6606, 0.3375

Inverse Universe

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



53.7679, 48.0954, 50.1662



67.7191, 58.3061, 59.8115



52.8480, 59.3400, 79.9031



13.8187, 13.7451, 14.8156



18.1992, 9.3467, 2.4490



1.2933, 0.6606, 0.3375

Previews

White Background



This preview shows how the XYZ color 53.7666, 48.0932, 50.1652 looks on a white background.

Color Contrast Check

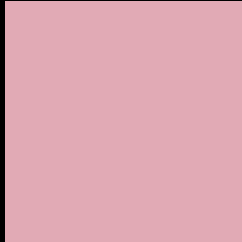
Large Text (above 18pt) WCAG AA × Fail

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 53.7666, 48.0932, 50.1652 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 53.7666, 48.0932, 50.1652

Background



This preview shows how black text looks on a background with the XYZ color 53.7666, 48.0932, 50.1652.



This preview shows how white text looks on a background with the XYZ color 53.7666, 48.0932,

50.1652.

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

53.7666, 48.0932, 50.1652

Protanopia

46.8193, 48.5199, 55.0417

Deuteranopia

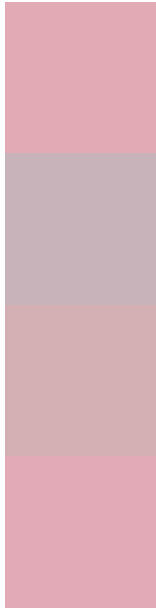
49.1586, 48.3322, 49.3859



Tritanopia

53.9733, 48.1759, 51.2539

Trichromacy



Original Color

53.7666, 48.0932, 50.1652

Protanomaly

49.0704, 48.2029, 53.1722

Deuteranomaly

50.9149, 48.3430, 49.8276

Tritanomaly

53.8696, 48.1344, 50.7076

Monochromacy



Original Color

53.7666, 48.0932, 50.1652

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3682, 48.9680, 52.7487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7666, 48.0932, 50.1652 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(225, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(225, 170, 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(225, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 170, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.7666, 48.0932, 50.1652 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(225, 170, 181) }
```


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

```
.border{ border-color:rgb(225, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(225, 170,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7666, 48.0932, 50.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 170, 181) }
```

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

```
.background{ background-color: rgb(225,  
170, 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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