

Converting Colors

XYZ(53.0983, 45.9733, 48.5033)

Have a look what the booklet for
XYZ(53.0983, 45.9733, 48.5033)
contains.

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Color

**XYZ(53.2288, 45.9430,
48.7103)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A3B3
RGB	228, 163, 179
RGB Percent	89%, 64%, 70%
CMY	0.1059, 0.3608, 0.2980
CMYK	0.00, 0.29, 0.21, 0.11
HSL	345°, 55%, 77%
HSV	345°, 29%, 89%
XYZ	53.2288, 45.9430, 48.7103
YIQ	184.2590, 33.6040, 18.7560

Conversions

Conversions Part 2

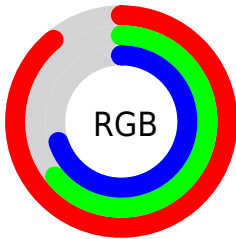
Format	Color
R _Y B	228, 163, 179
Decimal	14984115
CIE Lab	73.51, 26.32, 1.36
CIE LCh	74, 26.358, 2.964
Yxy	45.9430, 0.3599, 0.3107
Android (android.graphics.Color)	4293174195 (0xFFE4A3B3)
YUV	184.2590, -2.5927, 38.3609
Hunter-Lab	67.7813, 21.5593, 4.8387

Details

The XYZ color **53.2288, 45.9430, 48.7103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7332, 68.0280, 72.5366**, and the grayscale version is **45.7050, 48.0853, 52.3649**.

A 20% lighter version of the original color is **81.3068, 77.4010, 89.2518**, and **26.2449, 21.5332, 22.5117** is the 20% darker color. If you saturate the color by 10%, you get **47.9082, 37.9123, 38.8878**, and if you desaturate by 10%, it is **59.4985, 55.5242, 59.9194**.

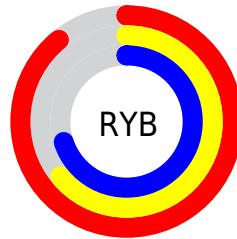
Distribution



Red (89%)

Green (64%)

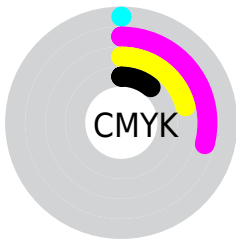
Blue (70%)



Red (89%)

Yellow (64%)

Blue (70%)

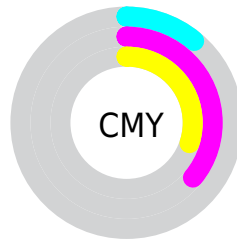


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2288, 45.9430, 48.7103 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 53.2288, 45.9430, 48.7103 by changing the saturation by 10% instead.


 53.2288, 45.9430,
48.7103


 53.2288, 45.9430,
48.7103


389.4088,
370.5794, 398.1904

 38.2137, 32.2008,
34.0257


 94.1045, 84.1337,
89.6376

 26.3265, 21.5150,
22.6359


 120.6958,
109.3510, 116.7174

 17.2020, 13.5009,
14.1221


151.8765,
139.1622, 148.7660

 10.4748, 7.7744,
8.0659

188.0120,
173.9516, 186.2019

 5.7796, 3.9509,
4.0488

229.4676,
214.1036, 229.4438

 2.7509, 1.6461,
1.6521

276.6087,

 1.0234, 0.3884,

260.0027, 278.9102

0.3276

329.8007,
312.0331, 335.0195

■ 0.0000, 0.0000,
0.0000

■ 53.2288, 45.9430,
48.7103

■ 53.2288, 45.9430,
48.7103

■ 47.9082, 37.9123,
38.8878

■ 59.4985, 55.5242,
59.9194

■ 43.4856, 31.3441,
30.3942

■ 66.7573, 66.7251,
72.5639

■ 39.9110, 26.1512,
23.1717

■ 75.0475, 79.6184,
86.6940

■ 37.1278, 22.2348,
17.1571

■ 84.4078, 94.2706,
102.3562

■ 35.0720, 19.4825,
12.2812

■ 85.8051, 95.2341,
108.4673

■ 33.6690, 17.7620,
8.4673

■ 32.8132, 16.8805,
5.6230

■ 32.7117, 16.7807,
5.2707

Harmonies

Analogous

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



52.1341, 45.9430, 62.6025



53.2288, 45.9430, 48.7103



51.6149, 45.9430, 37.3336

Triad

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



53.2288, 45.9430, 48.7103



38.9765, 45.9430, 31.4536



39.7244, 45.9430, 76.5037

Complementary

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



53.2288, 45.9430, 48.7103



54.7332, 68.0280, 72.5366

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.



36.5807, 45.9430, 65.3067



53.2288, 45.9430, 48.7103



36.1710, 45.9430, 39.2546

Square

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



53.2288, 45.9430, 48.7103



43.2063, 45.9430, 28.5449



35.3256, 45.9430, 51.3613



44.1319, 45.9430, 80.2352

Rectangle

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



53.2288, 45.9430, 48.7103



49.2828, 45.9430, 32.2265



35.3256, 45.9430, 51.3613



38.4957, 45.9430, 73.4008

Sweetspot

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



53.2301, 45.9451, 48.7112



85.4990, 85.1567, 92.5872



54.1817, 45.7580, 79.3757



17.9919, 17.7497, 19.2848



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.



53.2301, 45.9451, 48.7112



64.5528, 53.0780, 55.3505



54.7776, 51.4808, 41.7026



14.5217, 14.4259, 15.6818



18.9284, 9.7056, 3.2517



1.4350, 0.7317, 0.4314

Inverse Universe

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



53.2301, 45.9451, 48.7112



64.5528, 53.0780, 55.3505



52.5906, 60.3516, 82.2765



14.5217, 14.4259, 15.6818



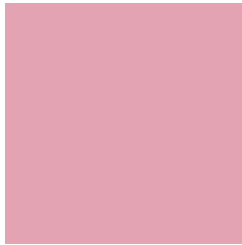
18.9284, 9.7056, 3.2517



1.4350, 0.7317, 0.4314

Previews

White Background



This preview shows how the XYZ color 53.2288, 45.9430, 48.7103 looks on a white background.

Color Contrast Check

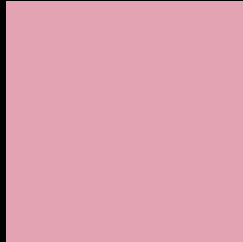
Large Text (above 18pt) WCAG AA × Fail

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 53.2288, 45.9430, 48.7103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

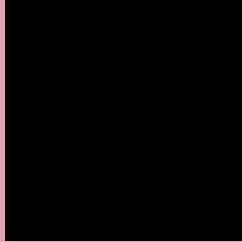
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2288, 45.9430, 48.7103

Background



This preview shows how black text looks on a background with the XYZ color 53.2288, 45.9430, 48.7103.



This preview shows how white text looks on a background with the XYZ color 53.2288, 45.9430,

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

53.2288, 45.9430, 48.7103

Protanopia

44.7980, 46.2617, 54.7124

Deuteranopia

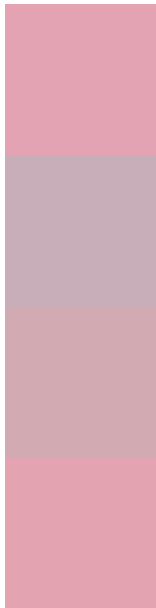
47.0852, 46.1136, 48.0141



Tritanopia

52.9286, 45.8230, 47.1294

Trichromacy



Original Color

53.2288, 45.9430, 48.7103

Protanomaly

47.4462, 45.9170, 52.2611

Deuteranomaly

49.1771, 46.0418, 48.4145

Tritanomaly

53.0279, 45.8627, 47.6525

Monochromacy



Original Color

53.2288, 45.9430, 48.7103

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7882, 46.7074, 50.7527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2288, 45.9430, 48.7103 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(228, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(228, 163, 179)  
}
```

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(228, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 163, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.2288, 45.9430, 48.7103 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(228, 163, 179) }
```


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

```
.border{ border-color:rgb(228, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(228, 163,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2288, 45.9430, 48.7103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 163, 179) }
```

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

```
.background{ background-color: rgb(228,  
163, 179) }
```

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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