

Converting Colors

XYZ(52.7690, 43.6344, 48.0266)

Have a look what the booklet for
XYZ(52.7690, 43.6344, 48.0266)
contains.

XYZ(52.8130, 43.6863, 48.2966)	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(52.8130, 43.6863,
48.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	E79BB3
RGB	231, 155, 179
RGB Percent	91%, 61%, 70%
CMY	0.0941, 0.3921, 0.2980
CMYK	0.00, 0.33, 0.23, 0.09
HSL	341°, 61%, 76%
HSV	341°, 33%, 91%
XYZ	52.8130, 43.6863, 48.2966
YIQ	180.4600, 37.5920, 23.5760

Conversions

Conversions Part 2

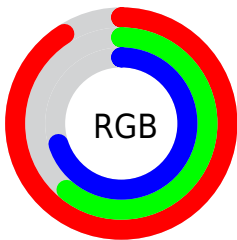
Format	Color
R _Y B	231, 155, 179
Decimal	15178675
CIE Lab	72.02, 31.67, -0.77
CIE LCh	72, 31.679, 358.604
Yxy	43.6863, 0.3647, 0.3017
Android (android.graphics.Color)	4293368755 (0xFFE79BB3)
YUV	180.4600, -0.7198, 44.3236
Hunter-Lab	66.0956, 26.9612, 2.9432

Details

The XYZ color **52.8130, 43.6863, 48.2966** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3578, 68.6264, 69.4688**, and the grayscale version is **43.6203, 45.8920, 49.9764**.

A 20% lighter version of the original color is **79.2820, 73.3513, 88.5769**, and **26.0717, 20.2055, 22.2646** is the 20% darker color. If you saturate the color by 10%, you get **47.8219, 36.1173, 39.1928**, and if you desaturate by 10%, it is **58.7251, 52.8034, 58.6125**.

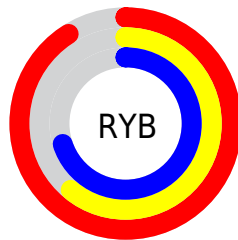
Distribution



Red (91%)

Green (61%)

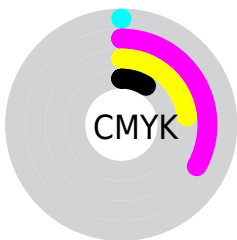
Blue (70%)



Red (91%)

Yellow (61%)

Blue (70%)

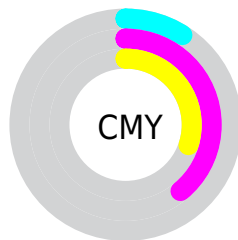


Cyan (0%)

Magenta (33%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8130, 43.6863, 48.2966 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 52.8130, 43.6863, 48.2966 by changing the saturation by 10% instead.


 52.8130, 43.6863,
48.2966


 52.8130, 43.6863,
48.2966


387.8399,
361.4266, 396.5091

 37.8804, 30.4240,
33.7002

 93.4963, 80.7455,
89.0160

 26.0667, 20.1606,
22.3879


 119.9777,
105.3111, 115.9760

 17.0065, 12.5118,
13.9411

151.0394,
134.4134, 147.8944

 10.3344, 7.0933,
7.9415

187.0467,
168.4365, 185.1895

 5.6852, 3.5205,
3.9703

228.3651,
207.7650, 228.2800

 2.6935, 1.4091,
1.6090

275.3599,

 0.9938, 0.2234,

252.7833, 277.5844

0.2973

328.3963,
303.8757, 333.5213

■ 0.0000, 0.0000,
0.0000

■ 52.8130, 43.6863,
48.2966

■ 52.8130, 43.6863,
48.2966

■ 47.8219, 36.1173,
39.1928

■ 58.7251, 52.8034,
58.6125

■ 43.7001, 30.0037,
31.2520

■ 65.5993, 63.5422,
70.1817

■ 40.3958, 25.2522,
24.4253

■ 73.4782, 75.9790,
83.0465

■ 37.8502, 21.7562,
18.6593

■ 82.4012, 90.1835,
97.2466

■ 35.9961, 19.3930,
13.8950

■ 86.7651, 95.7290,
108.5123

■ 34.7531, 18.0144,
10.0666

■ 34.1557, 17.4692,
7.8643

Harmonies

Analogous

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



51.0488, 43.6863, 64.8345



52.8130, 43.6863, 48.2966



51.3403, 43.6863, 34.6834

Triad

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



52.8130, 43.6863, 48.2966



36.7393, 43.6863, 25.9141



36.3361, 43.6863, 77.7941

Complementary

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



52.8130, 43.6863, 48.2966



53.3578, 68.6264, 69.4688

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.



33.0437, 43.6863, 63.3010



52.8130, 43.6863, 48.2966



33.2618, 43.6863, 33.6747

Square

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



52.8130, 43.6863, 48.2966



41.7765, 43.6863, 23.5694



31.9680, 43.6863, 46.8447



41.2696, 43.6863, 83.9940

Rectangle

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



52.8130, 43.6863, 48.2966



48.7874, 43.6863, 28.5374



31.9680, 43.6863, 46.8447



35.0172, 43.6863, 73.5951

Sweetspot

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



52.8142, 43.6884, 48.2975



84.7647, 83.7224, 92.2364



51.8603, 42.4703, 81.0658



17.8560, 17.4681, 19.2697



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.



52.8142, 43.6884, 48.2975



62.0175, 48.4720, 53.0737



53.0485, 47.7087, 37.4257



14.5635, 14.4426, 15.9020



19.1977, 9.8133, 4.6702



1.4595, 0.7415, 0.5605

Inverse Universe

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



52.8142, 43.6884, 48.2975



62.0175, 48.4720, 53.0737



52.7729, 62.3995, 84.8644



14.5635, 14.4426, 15.9020



19.1977, 9.8133, 4.6702



1.4595, 0.7415, 0.5605

Previews

White Background



This preview shows how the XYZ color 52.8130, 43.6863, 48.2966 looks on a white background.

Color Contrast Check

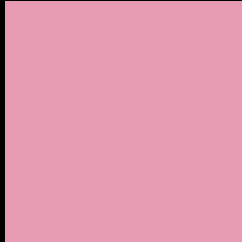
Large Text (above 18pt) WCAG AA × Fail

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 52.8130, 43.6863, 48.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

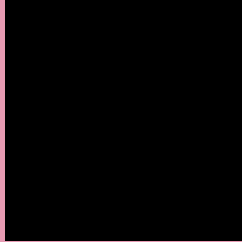
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8130, 43.6863, 48.2966

Background



This preview shows how black text looks on a background with the XYZ color 52.8130, 43.6863, 48.2966.



This preview shows how white text looks on a background with the XYZ color 52.8130, 43.6863,

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

52.8130, 43.6863, 48.2966

Protanopia

42.8338, 44.0424, 55.5337

Deuteranopia

44.6475, 43.7297, 47.1618



Tritanopia

51.8515, 43.8015, 43.2578

Trichromacy



Original Color

52.8130, 43.6863, 48.2966

Protanomaly

45.7372, 43.3289, 52.9664

Deuteranomaly

47.1231, 43.3500, 47.4787

Tritanomaly

52.0644, 43.6171, 45.2100

Monochromacy



Original Color

52.8130, 43.6863, 48.2966

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.3543, 44.5632, 49.3384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8130, 43.6863, 48.2966 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(231, 155, 179)` looks like.

```
.text, #text, p{  
    color:rgb(231, 155, 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(231, 155, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 155, 179) }
```

Border

The CSS property to change the border of an element to XYZ 52.8130, 43.6863, 48.2966 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(231, 155, 179) }
```


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

```
.border{ border-color:rgb(231, 155, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 155, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 155, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 155, 179);  
box-shadow:4px 4px 4px 4px rgb(231, 155,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8130, 43.6863, 48.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 155, 179) }
```

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

```
.background{ background-color: rgb(231,  
155, 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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