

Converting Colors

XYZ(52.3828, 45.4632, 38.3822)

Have a look what the booklet for
XYZ(52.3828, 45.4632, 38.3822)
contains.

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Color

**XYZ(52.3706, 45.4651,
38.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A29E
RGB	232, 162, 158
RGB Percent	91%, 64%, 62%
CMY	0.0902, 0.3647, 0.3804
CMYK	0.00, 0.30, 0.32, 0.09
HSL	3°, 62%, 76%
HSV	3°, 32%, 91%
XYZ	52.3706, 45.4651, 38.3632
YIQ	182.4740, 43.0040, 13.5960

Conversions

Conversions Part 2

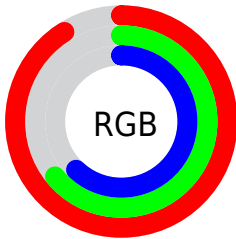
Format	Color
RYB	232, 162, 158
Decimal	15245982
CIELab	73.20, 25.44, 12.53
CIELCh	73, 28.356, 26.223
Yxy	45.4651, 0.3845, 0.3338
Android (android.graphics.Color)	4293436062 (0xFFE8A29E)
YUV	182.4740, -12.0657, 43.4343
Hunter-Lab	67.4278, 20.6407, 13.4663

Details

The XYZ color **52.3706, 45.4651, 38.3632** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4085, 68.5797, 86.6082**, and the grayscale version is **44.7703, 47.1019, 51.2940**.

A 20% lighter version of the original color is **78.0631, 75.6898, 73.4460**, and **25.9090, 21.3274, 16.6610** is the 20% darker color. If you saturate the color by 10%, you get **47.0250, 37.6737, 27.6416**, and if you desaturate by 10%, it is **58.7701, 54.7607, 51.2968**.

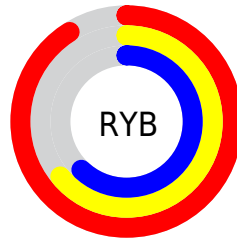
Distribution



Red (91%)

Green (64%)

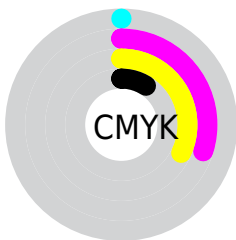
Blue (62%)



Red (91%)

Yellow (64%)

Blue (62%)

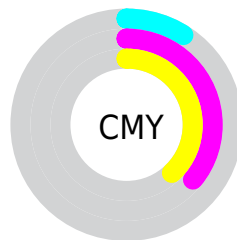


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3706, 45.4651, 38.3632 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 52.3706, 45.4651, 38.3632 by changing the saturation by 10% instead.


 52.3706, 45.4651,
38.3632


 52.3706, 45.4651,
38.3632


386.1662,
368.6540, 354.5202

 37.5260, 31.8239,
25.9607


 92.8486, 83.4179,
73.8741

 25.7906, 21.2270,
16.5687


 119.2127,
108.4983, 97.8195

 16.7989, 13.2901,
9.7688


150.1473,
138.1606, 126.4497

 10.1856, 7.6286,
5.1423

186.0178,
172.7892, 160.1831

 5.5854, 3.8582,
2.2708

227.1896,
212.7684, 199.4383

 2.6329, 1.5946,
0.7148

274.0281,

 0.9628, 0.3539,

258.4827, 244.6339

0.0000

326.8985,
310.3164, 296.1884

■ 0.0000, 0.0000,
0.0000

■ 52.3706, 45.4651,
38.3632

■ 52.3706, 45.4651,
38.3632

■ 47.0250, 37.6737,
27.6416

■ 58.7701, 54.7607,
51.2968

■ 42.6735, 31.3013,
19.0057

■ 66.2721, 65.6268,
66.5538

■ 39.2555, 26.2643,
12.3204

■ 74.9263, 78.1336,
84.2412

■ 36.7028, 22.4679,
7.4339

■ 84.7785, 92.3453,
104.4588

■ 34.9374, 19.8044,
4.1718

■ 87.0888, 95.8958,
108.5274

■ 33.8675, 18.1480,
2.3251

■ 33.4171, 17.4324,
1.6035

Harmonies

Analogous

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



53.4732, 45.4651, 51.3297



52.3706, 45.4651, 38.3632



48.7500, 45.4651, 30.0529

Triad

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



52.3706, 45.4651, 38.3632



35.7430, 45.4651, 35.7870



42.5864, 45.4651, 82.1628

Complementary

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



52.3706, 45.4651, 38.3632



56.4085, 68.5797, 86.6082

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.



38.1124, 45.4651, 75.9314



52.3706, 45.4651, 38.3632



34.3575, 45.4651, 47.7217

Square

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



52.3706, 45.4651, 38.3632



39.1246, 45.4651, 28.7780



35.1908, 45.4651, 62.6159



47.5772, 45.4651, 78.3560

Rectangle

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



52.3706, 45.4651, 38.3632



45.5305, 45.4651, 27.3868



35.1908, 45.4651, 62.6159



40.9760, 45.4651, 81.1460

Sweetspot

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



52.3718, 45.4673, 38.3641



83.9951, 84.0298, 86.2877



59.5511, 47.2281, 79.5947



17.6711, 17.5413, 17.8421



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.



52.3718, 45.4673, 38.3641



60.5785, 50.0488, 38.8604



59.8050, 60.3337, 40.8418



14.4393, 14.4924, 14.9407



18.5799, 9.7339, 0.8996



1.3952, 0.7637, 0.0739

Inverse Universe

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



56.4085, 68.5797, 86.6082



66.2800, 82.7189, 107.0808



47.3628, 50.4884, 83.5930



14.7371, 16.1957, 18.4937



22.2444, 31.5509, 47.3007



1.6643, 2.3726, 3.5022

Previews

White Background



This preview shows how the XYZ color 52.3706, 45.4651, 38.3632 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 52.3706, 45.4651, 38.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

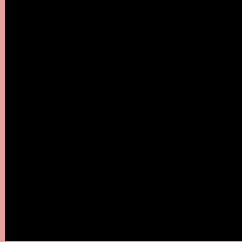
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3706, 45.4651, 38.3632

Background



This preview shows how black text looks on a background with the XYZ color 52.3706, 45.4651, 38.3632.



This preview shows how white text looks on a background with the XYZ color 52.3706, 45.4651,

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

52.3706, 45.4651, 38.3632

Protanopia

43.3449, 45.4693, 43.0512

Deuteranopia

46.3979, 45.4093, 37.7719



Tritanopia

53.6215, 45.4438, 44.9751

Trichromacy



Original Color

52.3706, 45.4651, 38.3632

Protanomaly

46.2730, 45.2640, 41.4199

Deuteranomaly

48.2981, 45.2573, 38.0882

Tritanomaly

53.3242, 45.6034, 42.5511

Monochromacy



Original Color

52.3706, 45.4651, 38.3632

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.6922, 45.9564, 45.9447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3706, 45.4651, 38.3632 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(232, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(232, 162, 158)  
}
```

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(232, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 52.3706, 45.4651, 38.3632 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(232, 162, 158) }
```


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

```
.border{ border-color:rgb(232, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(232, 162,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3706, 45.4651, 38.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 162, 158) }
```

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

```
.background{ background-color: rgb(232,  
162, 158) }
```

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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