

Converting Colors

XYZ(54.9485, 45.5735, 50.5979)

Have a look what the booklet for
XYZ(54.9485, 45.5735, 50.5979)
contains.

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Color

**XYZ(55.0351, 45.5348,
50.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9EB7
RGB	235, 158, 183
RGB Percent	92%, 62%, 72%
CMY	0.0784, 0.3804, 0.2823
CMYK	0.00, 0.33, 0.22, 0.08
HSL	341°, 66%, 77%
HSV	341°, 33%, 92%
XYZ	55.0351, 45.5348, 50.6882
YIQ	183.8730, 37.8670, 24.0990

Conversions

Conversions Part 2

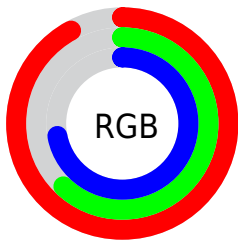
Format	Color
R _Y B	235, 158, 183
Decimal	15441591
CIE Lab	73.24, 32.08, -1.14
CIE LCh	73, 32.099, 357.968
Yxy	45.5348, 0.3638, 0.3010
Android (android.graphics.Color)	4293631671 (0xFFEB9EB7)
YUV	183.8730, -0.4304, 44.8384
Hunter-Lab	67.4795, 27.4924, 2.6991

Details

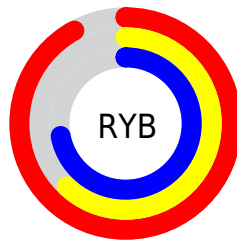
The XYZ color **55.0351, 45.5348, 50.6882** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.4438, 71.3401, 71.8241**, and the grayscale version is **45.4787, 47.8471, 52.1055**.

A 20% lighter version of the original color is **80.6142, 75.0805, 91.9045**, and **27.5434, 21.3848, 23.7951** is the 20% darker color. If you saturate the color by 10%, you get **49.8434, 37.6475, 41.2619**, and if you desaturate by 10%, it is **61.1821, 55.0337, 61.3530**.

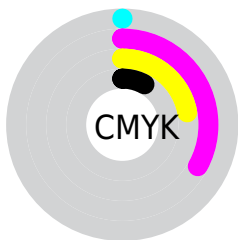
Distribution



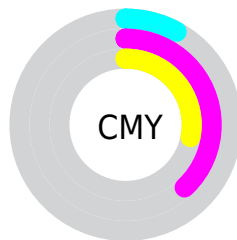
- Red (92%)
- Green (62%)
- Blue (72%)



- Red (92%)
- Yellow (62%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (8%)





- Cyan (8%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0351, 45.5348, 50.6882 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 55.0351, 45.5348, 50.6882 by changing the saturation by 10% instead.


 55.0351, 45.5348,
50.6882


 55.0351, 45.5348,
50.6882


396.1792,
368.9352, 406.1631

 39.6638, 31.8789,
35.5855

 96.7404, 83.5224,
92.6005

 27.4595, 21.2690,
23.8271


 123.8051,
108.6228, 120.2472

 18.0570, 13.3208,
14.9944


155.4983,
138.3068, 152.9123

 11.0909, 7.6498,
8.6689

192.1853,
172.9589, 191.0144

 6.1957, 3.8717,
4.4320

234.2316,
212.9634, 234.9719

 3.0062, 1.6021,
1.8652

282.0024,

 1.1571, 0.3590,

258.7047, 285.2036

0.4705

335.8632,
310.5671, 342.1278

■ 0.0721, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0351, 45.5348,
50.6882

■ 55.0351, 45.5348,
50.6882

■ 49.8434, 37.6475,
41.2619

■ 61.1821, 55.0337,
61.3530

■ 45.5532, 31.2752,
33.0243

■ 68.3267, 66.2209,
73.2979

■ 42.1110, 26.3211,
25.9261

■ 76.5134, 79.1757,
86.5658

■ 39.4558, 22.6741,
19.9129

■ 85.7827, 93.9706,
101.1969

■ 37.5178, 20.2065,
14.9253

■ 88.0712, 96.4023,
108.5734

■ 36.2138, 18.7642,
10.8968

■ 35.5758, 18.1881,
8.5260

Harmonies

Analogous

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



53.1294, 45.5348, 67.9255



55.0351, 45.5348, 50.6882



53.5711, 45.5348, 36.4051

Triad

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



55.0351, 45.5348, 50.6882



38.3947, 45.5348, 26.9138



37.7835, 45.5348, 80.8107

Complementary

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



55.0351, 45.5348, 50.6882



55.4438, 71.3401, 71.8241

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.



34.3983, 45.5348, 65.6015



55.0351, 45.5348, 50.6882



34.7290, 45.5348, 34.8758

Square

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



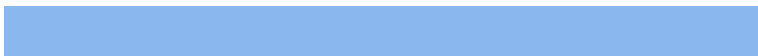
55.0351, 45.5348, 50.6882



43.6648, 45.5348, 24.5859



33.3297, 45.5348, 48.4874



42.8964, 45.5348, 87.5033

Rectangle

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



55.0351, 45.5348, 50.6882



50.9465, 45.5348, 29.9191



33.3297, 45.5348, 48.4874



36.4230, 45.5348, 76.3826

Sweetspot

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



55.0364, 45.5369, 50.6891



84.7979, 83.7357, 92.4115



53.6129, 44.0582, 84.2761



17.8640, 17.4713, 19.3119



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.



55.0364, 45.5369, 50.6891



62.1124, 48.5099, 53.5734



54.9656, 49.1959, 38.9491



15.2670, 15.1347, 16.6915



19.8514, 10.1432, 5.0187



1.6015, 0.8136, 0.6188

Inverse Universe

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



55.0364, 45.5369, 50.6891



62.1124, 48.5099, 53.5734



55.2632, 65.5998, 88.3471



15.2670, 15.1347, 16.6915



19.8514, 10.1432, 5.0187



1.6015, 0.8136, 0.6188

Previews

White Background



This preview shows how the XYZ color 55.0351, 45.5348, 50.6882 looks on a white background.

Color Contrast Check

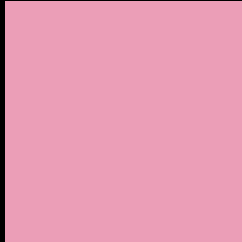
Large Text (above 18pt) WCAG AA × Fail

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 55.0351, 45.5348, 50.6882 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 55.0351, 45.5348, 50.6882

Background



This preview shows how black text looks on a background with the XYZ color 55.0351, 45.5348, 50.6882.



This preview shows how white text looks on a background with the XYZ color 55.0351, 45.5348,

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

55.0351, 45.5348, 50.6882

Protanopia

44.6743, 45.8094, 58.7121

Deuteranopia

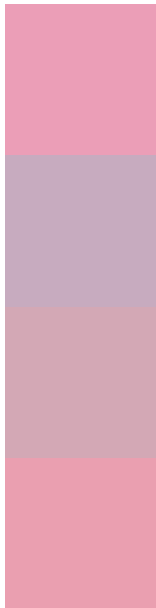
46.6630, 45.5732, 49.5171



Tritanopia

53.9489, 45.6126, 44.9904

Trichromacy



Original Color

55.0351, 45.5348, 50.6882

Protanomaly

47.5201, 45.0295, 55.4772

Deuteranomaly

49.2071, 45.1903, 49.8452

Tritanomaly

54.1663, 45.4233, 46.9870

Monochromacy



Original Color

55.0351, 45.5348, 50.6882

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.6103, 46.8171, 51.8220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0351, 45.5348, 50.6882 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(235, 158, 183)` looks like.

```
.text, #text, p{  
    color:rgb(235, 158, 183)  
}
```

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(235, 158, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 158, 183) }
```

Border

The CSS property to change the border of an element to XYZ 55.0351, 45.5348, 50.6882 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(235, 158, 183) }
```


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

```
.border{ border-color:rgb(235, 158, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 158, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 158, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 158, 183);  
box-shadow:4px 4px 4px 4px rgb(235, 158,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0351, 45.5348, 50.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 158, 183) }
```

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

```
.background{ background-color: rgb(235,  
158, 183) }
```

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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