

Converting Colors

XYZ(55.1836, 45.1893, 49.4590)

Have a look what the booklet for
XYZ(55.1836, 45.1893, 49.4590)
contains.

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Color

**XYZ(55.1540, 45.1177,
49.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9CB5
RGB	237, 156, 181
RGB Percent	93%, 61%, 71%
CMY	0.0706, 0.3882, 0.2902
CMYK	0.00, 0.34, 0.24, 0.07
HSL	341°, 69%, 77%
HSV	341°, 34%, 93%
XYZ	55.1540, 45.1177, 49.5177
YIQ	183.0690, 40.2510, 24.9470

Conversions

Conversions Part 2

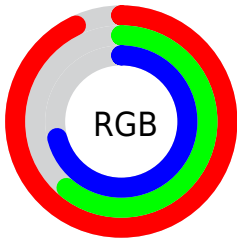
Format	Color
R _Y B	237, 156, 181
Decimal	15572149
CIE Lab	72.97, 33.56, -0.41
CIE LCh	73, 33.559, 359.305
Yxy	45.1177, 0.3682, 0.3012
Android (android.graphics.Color)	4293762229 (0xFFED9CB5)
YUV	183.0690, -1.0200, 47.2975
Hunter-Lab	67.1697, 29.0219, 3.3100

Details

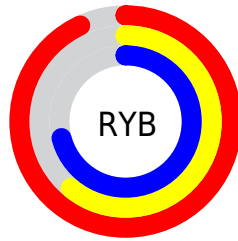
The XYZ color **55.1540, 45.1177, 49.5177** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.8801, 72.3909, 73.3186**, and the grayscale version is **45.0387, 47.3842, 51.6014**.

A 20% lighter version of the original color is **79.8203, 73.9630, 90.1901**, and **27.6690, 21.1624, 23.0485** is the 20% darker color. If you saturate the color by 10%, you get **49.9745, 37.2929, 39.9781**, and if you desaturate by 10%, it is **61.3097, 54.5776, 60.3594**.

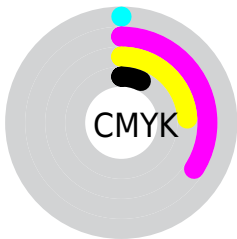
Distribution



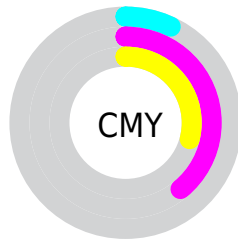
- Red (93%)
- Green (61%)
- Blue (71%)



- Red (93%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1540, 45.1177, 49.5177 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 55.1540, 45.1177, 49.5177 by changing the saturation by 10% instead.


 55.1540, 45.1177,
49.5177


 55.1540, 45.1177,
49.5177


396.6223,
367.2500, 401.4577

 39.7594, 31.5501,
34.6618


 96.9136, 82.8970,
90.8488

 27.5343, 21.0181,
23.1210

 124.0092,
107.8775, 118.1611

 18.1136, 13.1373,
14.4768


155.7359,
137.4312, 150.4627

 11.1318, 7.5231,
8.3105

192.4589,
171.9424, 188.1720

 6.2235, 3.7914,
4.2036

234.5438,
211.7954, 231.7076

 3.0234, 1.5575,
1.7377

282.3557,

 1.1661, 0.3287,

257.3748, 281.4881

0.3864

336.2601,
309.0649, 337.9319

■ 0.0794, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1540, 45.1177,
49.5177

■ 55.1540, 45.1177,
49.5177

■ 49.9745, 37.2929,
39.9781

■ 61.3097, 54.5776,
60.3594

■ 45.7153, 31.0034,
31.6867

■ 68.4858, 65.7521,
72.5485

■ 42.3204, 26.1484,
24.5899

■ 76.7287, 78.7231,
86.1315

■ 39.7258, 22.6124,
18.6285

■ 86.0803, 93.5654,
101.1516

■ 37.8581, 20.2616,
13.7375

■ 88.7352, 96.7446,
108.6045

■ 36.6288, 18.9331,
9.8437

■ 36.1324, 18.4875,
7.9915

Harmonies

Analogous

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



53.3105, 45.1177, 67.4906



55.1540, 45.1177, 49.5177



53.4686, 45.1177, 34.9739

Triad

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



55.1540, 45.1177, 49.5177



37.6053, 45.1177, 26.0322



37.3890, 45.1177, 82.3932

Complementary

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



55.1540, 45.1177, 49.5177



55.8801, 72.3909, 73.3186

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.



33.7958, 45.1177, 66.6568



55.1540, 45.1177, 49.5177



33.9125, 45.1177, 34.4365

Square

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



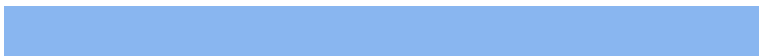
55.1540, 45.1177, 49.5177



43.0197, 45.1177, 23.4241



32.5821, 45.1177, 48.7354



42.7466, 45.1177, 88.9323

Rectangle

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



55.1540, 45.1177, 49.5177



50.6505, 45.1177, 28.5105



32.5821, 45.1177, 48.7354



35.9533, 45.1177, 77.8503

Sweetspot

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



55.1553, 45.1198, 49.5186



84.7380, 83.7118, 92.0958



54.1406, 43.7944, 85.7207



17.8496, 17.4656, 19.2359



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.



55.1553, 45.1198, 49.5186



60.7358, 46.6236, 50.4420



55.4620, 49.4762, 38.0819



15.2569, 15.1306, 16.6380



19.7785, 10.1141, 4.6348



1.5948, 0.8109, 0.5835

Inverse Universe

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



55.1553, 45.1198, 49.5186



60.7358, 46.6236, 50.4420



55.1591, 65.5060, 89.8578



15.2569, 15.1306, 16.6380



19.7785, 10.1141, 4.6348



1.5948, 0.8109, 0.5835

Previews

White Background



This preview shows how the XYZ color 55.1540, 45.1177, 49.5177 looks on a white background.

Color Contrast Check

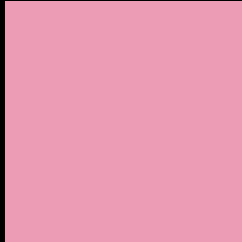
Large Text (above 18pt) WCAG AA × Fail

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 55.1540, 45.1177, 49.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

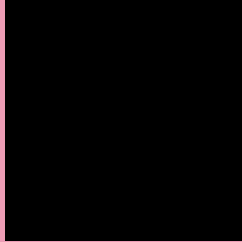
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1540, 45.1177, 49.5177

Background



This preview shows how black text looks on a background with the XYZ color 55.1540, 45.1177, 49.5177.



This preview shows how white text looks on a background with the XYZ color 55.1540, 45.1177,

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

55.1540, 45.1177, 49.5177

Protanopia

44.0181, 45.2008, 57.4436

Deuteranopia

46.1979, 45.3568, 48.4393



Tritanopia

54.0746, 45.1889, 43.9025

Trichromacy



Original Color

55.1540, 45.1177, 49.5177

Protanomaly

47.1132, 44.5657, 54.2630

Deuteranomaly

49.1068, 44.8892, 48.7241

Tritanomaly

54.2890, 45.0028, 45.8695

Monochromacy



Original Color

55.1540, 45.1177, 49.5177

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.0157, 45.9610, 50.5966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1540, 45.1177, 49.5177 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(237, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(237, 156, 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(237, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 156, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.1540, 45.1177, 49.5177 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(237, 156, 181) }
```


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

```
.border{ border-color:rgb(237, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(237, 156,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1540, 45.1177, 49.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 156, 181) }
```

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

```
.background{ background-color: rgb(237,  
156, 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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