

Converting Colors

XYZ(56.6481, 45.9541, 45.6710)

Have a look what the booklet for
XYZ(56.6481, 45.9541, 45.6710)
contains.

XYZ(56.7395, 46.0272, 45.4288)	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(56.7395, 46.0272,
45.4288)**

Conversions

Conversions Part 1

Format	Color
Hex	F49CAD
RGB	244, 156, 173
RGB Percent	96%, 61%, 68%
CMY	0.0431, 0.3882, 0.3216
CMYK	0.00, 0.36, 0.29, 0.04
HSL	348°, 80%, 78%
HSV	348°, 36%, 96%
XYZ	56.7395, 46.0272, 45.4288
YIQ	184.2500, 46.9910, 23.9430

Conversions

Conversions Part 2

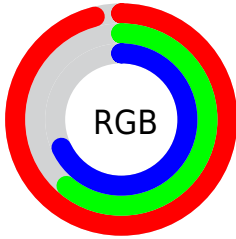
Format	Color
RYB	244, 156, 173
Decimal	16030893
CIELab	73.56, 34.96, 4.97
CIELCh	74, 35.307, 8.096
Yxy	46.0272, 0.3829, 0.3106
Android (android.graphics.Color)	4294220973 (0xFFFF49CAD)
YUV	184.2500, -5.5462, 52.4008
Hunter-Lab	67.8433, 30.5592, 7.7890

Details

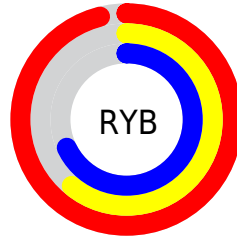
The XYZ color **56.7395, 46.0272, 45.4288** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9282, 77.3164, 84.4421**, and the grayscale version is **45.7108, 48.0913, 52.3715**.

A 20% lighter version of the original color is **78.5379, 73.4500, 83.4367**, and **28.5511, 21.5201, 20.7381** is the 20% darker color. If you saturate the color by 10%, you get **51.2820, 37.9394, 34.8931**, and if you desaturate by 10%, it is **63.3026, 55.8764, 57.7190**.

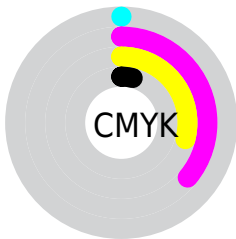
Distribution



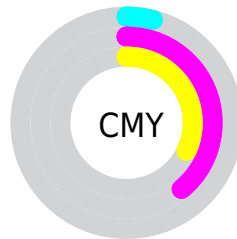
- Red (96%)
- Green (61%)
- Blue (68%)



- Red (96%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7395, 46.0272, 45.4288 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 56.7395, 46.0272, 45.4288 by changing the saturation by 10% instead.


 56.7395, 46.0272,
45.4288


 56.7395, 46.0272,
45.4288


402.5024,
370.9180, 384.7181

 41.0355, 32.2673,
31.4499


 99.2185, 84.2597,
84.6888

 28.5346, 21.5657,
20.6803

 126.7242,
109.5011, 110.8069

 18.8715, 13.5382,
12.7016


158.8945,
139.3384, 141.8085

 11.6809, 7.8002,
7.0951

196.0948,
174.1561, 178.1122

 6.5975, 3.9673,
3.4423

238.6904,
214.3385, 220.1365

 3.2557, 1.6553,
1.3247

287.0466,

 1.2904, 0.3945,

260.2700, 268.2998

0.0819

341.5288,
312.3350, 323.0209

■ 0.1760, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7395, 46.0272,
45.4288

■ 56.7395, 46.0272,
45.4288

■ 51.2820, 37.9394,
34.8931

■ 63.3026, 55.8764,
57.7190

■ 46.8645, 31.5024,
26.0283

■ 71.0245, 67.5757,
71.8365

■ 43.4205, 26.6036,
18.7477

■ 79.9593, 81.2159,
87.8533

■ 40.8736, 23.1130,
12.9558

■ 90.1566, 96.8798,
105.8368

■ 39.1356, 20.8796,
8.5460

■ 91.1183, 97.9731,
108.7160

■ 38.0992, 19.7163,
5.3964

■ 37.8239, 19.4394,
4.4612

Harmonies

Analogous

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



55.8559, 46.0272, 64.0649



56.7395, 46.0272, 45.4288



53.8899, 46.0272, 31.7577

Triad

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



56.7395, 46.0272, 45.4288



36.7518, 46.0272, 27.6384



39.4207, 46.0272, 89.2549

Complementary

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



56.7395, 46.0272, 45.4288



59.9282, 77.3164, 84.4421

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.



34.9648, 46.0272, 74.4579



56.7395, 46.0272, 45.4288



33.5291, 46.0272, 38.3544

Square

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



56.7395, 46.0272, 45.4288



42.0787, 46.0272, 23.2050



32.9075, 46.0272, 55.1146



45.4597, 46.0272, 92.4347

Rectangle

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



56.7395, 46.0272, 45.4288



50.4027, 46.0272, 26.2308



32.9075, 46.0272, 55.1146



37.7055, 46.0272, 85.3300

Sweetspot

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



56.7408, 46.0294, 45.4297



83.3132, 82.0179, 88.0578



59.7088, 46.5445, 91.4250



17.5478, 17.1208, 18.3371



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.



56.7408, 46.0294, 45.4297



58.3504, 44.3905, 41.8233



60.1205, 55.2555, 38.9521



16.6299, 16.5348, 17.7977



20.6039, 10.5850, 2.6224



1.8453, 0.9441, 0.4116

Inverse Universe

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



56.7408, 46.0294, 45.4297



58.3504, 44.3905, 41.8233



55.0090, 63.5369, 94.9526



16.6299, 16.5348, 17.7977



20.6039, 10.5850, 2.6224



1.8453, 0.9441, 0.4116

Previews

White Background



This preview shows how the XYZ color 56.7395, 46.0272, 45.4288 looks on a white background.

Color Contrast Check

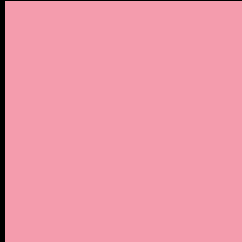
Large Text (above 18pt) WCAG AA × Fail

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 56.7395, 46.0272, 45.4288 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 56.7395, 46.0272, 45.4288

Background



This preview shows how black text looks on a background with the XYZ color 56.7395, 46.0272, 45.4288.



This preview shows how white text looks on a background with the XYZ color 56.7395, 46.0272,

45.4288.

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

56.7395, 46.0272, 45.4288

Protanopia

44.8193, 46.2977, 53.5878

Deuteranopia

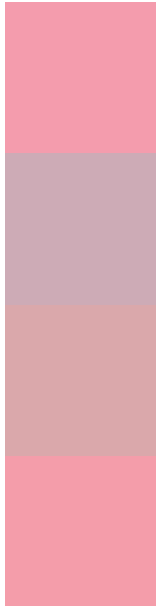
47.2143, 46.2587, 44.4706



Tritanopia

56.5266, 46.2116, 43.4766

Trichromacy



Original Color

56.7395, 46.0272, 45.4288

Protanomaly

48.1832, 45.4824, 50.4954

Deuteranomaly

50.2668, 45.8510, 44.7289

Tritanomaly

56.6209, 46.2493, 43.9730

Monochromacy



Original Color

56.7395, 46.0272, 45.4288

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.8279, 46.6892, 49.6184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7395, 46.0272, 45.4288 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(244, 156, 173)` looks like.

```
.text, #text, p{  
    color:rgb(244, 156, 173)  
}
```

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(244, 156, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 156, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.7395, 46.0272, 45.4288 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(244, 156, 173) }
```


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

```
.border{ border-color:rgb(244, 156, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 156, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 156, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 156, 173);  
box-shadow:4px 4px 4px 4px rgb(244, 156,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7395, 46.0272, 45.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 156, 173) }
```

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

```
.background{ background-color: rgb(244,  
156, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor