

Converting Colors

XYZ(56.6682, 45.1880, 46.7606)

Have a look what the booklet for
XYZ(56.6682, 45.1880, 46.7606)
contains.

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Color

**XYZ(56.5359, 45.1502,
46.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	F499B0
RGB	244, 153, 176
RGB Percent	96%, 60%, 69%
CMY	0.0431, 0.4000, 0.3098
CMYK	0.00, 0.37, 0.28, 0.04
HSL	345°, 81%, 78%
HSV	345°, 37%, 96%
XYZ	56.5359, 45.1502, 46.8094
YIQ	182.8310, 46.8530, 26.4450

Conversions

Conversions Part 2

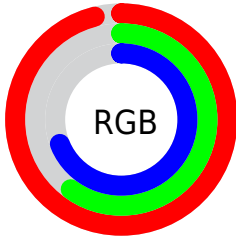
Format	Color
R_{YB}	244, 153, 176
Decimal	16030128
CIE _{Lab}	72.99, 36.92, 2.49
CIE _{LCh}	73, 37.002, 3.853
Yxy	45.1502, 0.3807, 0.3041
Android (android.graphics.Color)	4294220208 (0xFFFF499B0)
YUV	182.8310, -3.3677, 53.6452
Hunter-Lab	67.1939, 32.5978, 5.7324

Details

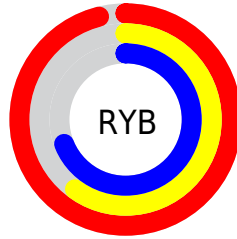
The XYZ color **56.5359, 45.1502, 46.8094** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.5407, 76.6951, 80.1288**, and the grayscale version is **44.9182, 47.2575, 51.4634**.

A 20% lighter version of the original color is **78.3614, 72.1979, 86.1494**, and **28.4450, 21.0087, 21.6246** is the 20% darker color. If you saturate the color by 10%, you get **51.2583, 37.2908, 36.7389**, and if you desaturate by 10%, it is **62.8749, 54.7439, 58.4302**.

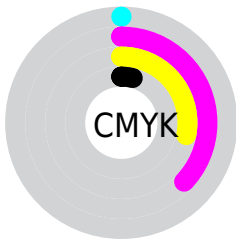
Distribution



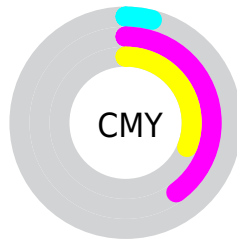
- Red (96%)
- Green (60%)
- Blue (69%)



- Red (96%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5359, 45.1502, 46.8094 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 56.5359, 45.1502, 46.8094 by changing the saturation by 10% instead.


 56.5359, 45.1502,
46.8094


 56.5359, 45.1502,
46.8094


401.7503,
367.3815, 390.4249

 40.8714, 31.5757,
32.5317

 98.9230, 82.9458,
86.7760

 28.4059, 21.0377,
21.4998


 126.3763,
107.9357, 113.3021

 18.7738, 13.1515,
13.2950


158.4899,
137.4995, 144.7481

 11.6100, 7.5330,
7.4989

195.6292,
172.0217, 181.5324

 6.5490, 3.7976,
3.6929

238.1595,
211.8865, 224.0738

 3.2255, 1.5610,
1.4584

286.4463,

 1.2741, 0.3311,

257.4786, 272.7906

0.1867

340.8548,
309.1821, 328.1015

■ 0.1637, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5359, 45.1502,
46.8094

■ 56.5359, 45.1502,
46.8094

■ 51.2583, 37.2908,
36.7389

■ 62.8749, 54.7439,
58.4302

■ 46.9786, 31.0551,
28.1490

■ 70.3264, 66.1607,
71.6617

■ 43.6323, 26.3300,
20.9680

■ 78.9427, 79.4910,
86.5642

■ 41.1453, 22.9849,
15.1170

■ 88.7718, 94.8176,
103.1940

■ 39.4314, 20.8666,
10.5086

■ 91.1183, 97.9731,
108.7160

■ 38.3810, 19.7770,
7.0414

■ 38.1684, 19.5772,
6.2757

Harmonies

Analogous

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



55.0554, 45.1502, 66.5594



56.5359, 45.1502, 46.8094



54.0760, 45.1502, 31.8901

Triad

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



56.5359, 45.1502, 46.8094



36.3607, 45.1502, 25.1440



37.6704, 45.1502, 88.4994

Complementary

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



56.5359, 45.1502, 46.8094



58.5407, 76.6951, 80.1288

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.



33.4043, 45.1502, 71.7553



56.5359, 45.1502, 46.8094



32.7031, 45.1502, 35.0938

Square

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



56.5359, 45.1502, 46.8094



42.0848, 45.1502, 21.5277



31.6772, 45.1502, 51.5898



43.7539, 45.1502, 93.8719

Rectangle

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



56.5359, 45.1502, 46.8094



50.6642, 45.1502, 25.6700



31.6772, 45.1502, 51.5898



35.9973, 45.1502, 83.8382

Sweetspot

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



56.5371, 45.1524, 46.8103



83.5522, 82.1135, 89.3166



57.1566, 44.4906, 91.1631



17.6044, 17.1435, 18.6351



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.



56.5371, 45.1524, 46.8103



57.8394, 42.9632, 42.9025



58.2407, 51.8975, 37.0875



16.6709, 16.5512, 18.0137



20.8001, 10.6635, 3.6556



1.8679, 0.9531, 0.5308

Inverse Universe

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



56.5371, 45.1524, 46.8103



57.8394, 42.9632, 42.9025



55.7931, 65.9562, 95.3782



16.6709, 16.5512, 18.0137



20.8001, 10.6635, 3.6556



1.8679, 0.9531, 0.5308

Previews

White Background



This preview shows how the XYZ color 56.5359, 45.1502, 46.8094 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 56.5359, 45.1502, 46.8094 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 56.5359, 45.1502, 46.8094

Background



This preview shows how black text looks on a background with the XYZ color 56.5359, 45.1502, 46.8094.



This preview shows how white text looks on a background with the XYZ color 56.5359, 45.1502,

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

56.5359, 45.1502, 46.8094

Protanopia

44.3465, 45.7051, 55.7749

Deuteranopia

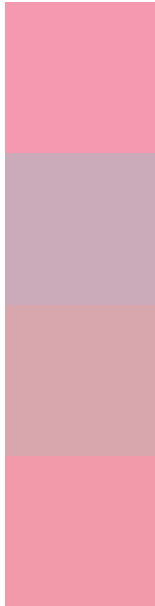
46.4019, 45.5300, 45.3723



Tritanopia

55.5664, 45.2505, 41.8820

Trichromacy



Original Color

56.5359, 45.1502, 46.8094

Protanomaly

47.8663, 44.9911, 52.6157

Deuteranomaly

49.4979, 44.8885, 45.5907

Tritanomaly

55.7734, 45.0682, 43.7897

Monochromacy



Original Color

56.5359, 45.1502, 46.8094

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.1676, 45.7795, 49.4776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5359, 45.1502, 46.8094 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, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(244, 153, 176)  
}
```

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, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 153, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.5359, 45.1502, 46.8094 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, 153, 176) }
```


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

```
.border{ border-color:rgb(244, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(244, 153,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5359, 45.1502, 46.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 153, 176) }
```

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

```
.background{ background-color: rgb(244,  
153, 176) }
```

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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