

Converting Colors

XYZ(55.9173, 45.1644, 41.3042)

Have a look what the booklet for
XYZ(55.9173, 45.1644, 41.3042)
contains.

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Color

**XYZ(56.0033, 45.2403,
41.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	F59AA5
RGB	245, 154, 165
RGB Percent	96%, 60%, 65%
CMY	0.0392, 0.3961, 0.3529
CMYK	0.00, 0.37, 0.33, 0.04
HSL	353°, 82%, 78%
HSV	353°, 37%, 96%
XYZ	56.0033, 45.2403, 41.3779
YIQ	182.4630, 50.7050, 22.7130

Conversions

Conversions Part 2

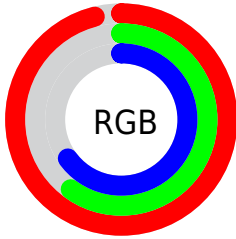
Format	Color
R _Y B	245, 154, 165
Decimal	16095909
CIE Lab	73.05, 35.34, 8.67
CIE LCh	73, 36.387, 13.782
Yxy	45.2403, 0.3927, 0.3172
Android (android.graphics.Color)	4294285989 (0xFFFF59AA5)
YUV	182.4630, -8.6093, 54.8449
Hunter-Lab	67.2609, 30.9175, 10.6083

Details

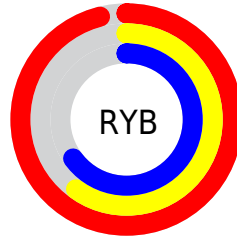
The XYZ color **56.0033, 45.2403, 41.3779** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8321, 78.1163, 89.7177**, and the grayscale version is **44.7432, 47.0733, 51.2628**.

A 20% lighter version of the original color is **76.9587, 72.0282, 77.5568**, and **28.1278, 21.0644, 18.2061** is the 20% darker color. If you saturate the color by 10%, you get **50.5663, 37.2440, 30.6939**, and if you desaturate by 10%, it is **62.5981, 55.0234, 54.0777**.

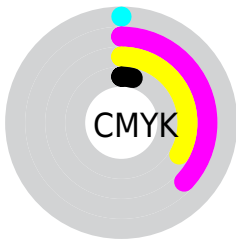
Distribution



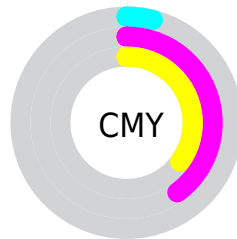
- Red (96%)
- Green (60%)
- Blue (65%)



- Red (96%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0033, 45.2403, 41.3779 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 56.0033, 45.2403, 41.3779 by changing the saturation by 10% instead.

 56.0033, 45.2403,
41.3779


 56.0033, 45.2403,
41.3779


399.7788,
367.7459, 367.6209

 40.4426, 31.6467,
28.2926

 98.1492, 83.0809,
78.5171

 28.0695, 21.0918,
18.3054


 125.4651,
108.0967, 103.4081

 18.5188, 13.1911,
10.9977


157.4300,
137.6887, 133.0713

 11.4250, 7.5603,
5.9512

194.4095,
172.2414, 167.9254

 6.4229, 3.8149,
2.7471

236.7687,
212.1390, 208.3889

 3.1470, 1.5706,
0.9670

284.8731,

 1.2320, 0.3376,

257.7661, 254.8802

0.0000

339.0880,
309.5069, 307.8181

■ 0.1314, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0033, 45.2403,
41.3779

■ 56.0033, 45.2403,
41.3779

■ 50.5663, 37.2440,
30.6939

■ 62.5981, 55.0234,
54.0777

■ 46.2164, 30.9202,
21.9193

■ 70.4088, 66.6855,
68.8871

■ 42.8809, 26.1518,
14.9415

■ 79.4937, 80.3200,
85.8972

■ 40.4762, 22.8037,
9.6353

■ 89.9065, 96.0125,
105.1927

■ 38.9056, 20.7176,
5.8589

■ 91.4662, 98.1525,
108.7323

■ 38.0471, 19.6905,
3.4455

■ 37.8855, 19.5042,
2.9698

Harmonies

Analogous

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



55.8430, 45.2403, 59.7023



56.0033, 45.2403, 41.3779



52.4465, 45.2403, 28.7829

Triad

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



56.0033, 45.2403, 41.3779



35.0811, 45.2403, 28.0533



39.6738, 45.2403, 91.1208

Complementary

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



56.0033, 45.2403, 41.3779



60.8321, 78.1163, 89.7177

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.



34.7611, 45.2403, 77.6824



56.0033, 45.2403, 41.3779



32.2938, 45.2403, 40.1106

Square

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



56.0033, 45.2403, 41.3779



40.1516, 45.2403, 22.4733



32.1827, 45.2403, 58.0822



45.9791, 45.2403, 91.7028

Rectangle

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



56.0033, 45.2403, 41.3779



48.6315, 45.2403, 24.0465



32.1827, 45.2403, 58.0822



37.8201, 45.2403, 87.8318

Sweetspot

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



56.0045, 45.2425, 41.3788



83.0260, 81.9031, 86.5459



61.5992, 47.0073, 92.2129



17.4799, 17.0937, 17.9796



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.



56.0045, 45.2425, 41.3788



56.4970, 42.4262, 35.8335



61.3386, 57.4440, 38.4296



16.5806, 16.5151, 17.5379



20.4358, 10.5177, 1.7372



1.8218, 0.9347, 0.2879

Inverse Universe

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



56.0045, 45.2425, 41.3788



56.4970, 42.4262, 35.8335



53.2616, 60.3683, 95.2313



16.5806, 16.5151, 17.5379



20.4358, 10.5177, 1.7372



1.8218, 0.9347, 0.2879

Previews

White Background



This preview shows how the XYZ color 56.0033, 45.2403, 41.3779 looks on a white background.

Color Contrast Check

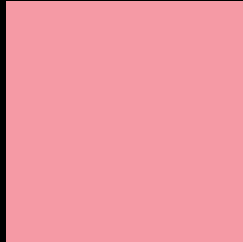
Large Text (above 18pt) WCAG AA × Fail

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 56.0033, 45.2403, 41.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

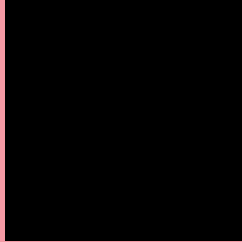
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0033, 45.2403, 41.3779

Background



This preview shows how black text looks on a background with the XYZ color 56.0033, 45.2403, 41.3779.



This preview shows how white text looks on a background with the XYZ color 56.0033, 45.2403,

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

56.0033, 45.2403, 41.3779

Protanopia

43.7852, 45.5622, 49.1345

Deuteranopia

46.3670, 45.3331, 40.4888



Tritanopia

56.0033, 45.2403, 41.3779

Trichromacy



Original Color

56.0033, 45.2403, 41.3779

Protanomaly

47.4683, 44.9273, 46.2144

Deuteranomaly

49.4605, 44.9768, 40.7249

Tritanomaly

56.0033, 45.2403, 41.3779

Monochromacy



Original Color

56.0033, 45.2403, 41.3779

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.7658, 45.6188, 47.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0033, 45.2403, 41.3779 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(245, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(245, 154, 165)  
}
```

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(245, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 154, 165) }
```

Border

The CSS property to change the border of an element to XYZ 56.0033, 45.2403, 41.3779 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(245, 154, 165) }
```


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

```
.border{ border-color:rgb(245, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(245, 154,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0033, 45.2403, 41.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 154, 165) }
```

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

```
.background{ background-color: rgb(245,  
154, 165) }
```

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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