

Converting Colors

XYZ(56.1864, 45.3213, 39.5180)

Have a look what the booklet for
XYZ(56.1864, 45.3213, 39.5180)
contains.

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Color

**XYZ(56.3464, 45.4586,
39.5228)**

Conversions

Conversions Part 1

Format	Color
Hex	F79AA1
RGB	247, 154, 161
RGB Percent	97%, 60%, 63%
CMY	0.0314, 0.3961, 0.3686
CMYK	0.00, 0.38, 0.35, 0.03
HSL	355°, 85%, 79%
HSV	355°, 38%, 97%
XYZ	56.3464, 45.4586, 39.5228
YIQ	182.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

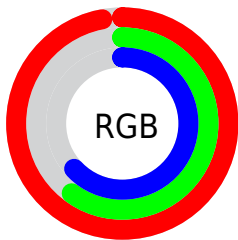
Format	Color
R _Y B	247, 154, 161
Decimal	16226977
CIE Lab	73.19, 35.58, 11.11
CIE LCh	73, 37.272, 17.347
Yxy	45.4586, 0.3987, 0.3217
Android (android.graphics.Color)	4294417057 (0xFFFF79AA1)
YUV	182.6050, -10.6513, 56.4744
Hunter-Lab	67.4230, 31.1849, 12.4408

Details

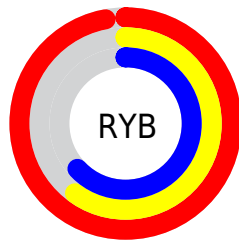
The XYZ color **56.3464, 45.4586, 39.5228** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.3175, 79.6838, 94.5385**, and the grayscale version is **44.8307, 47.1654, 51.3631**.

A 20% lighter version of the original color is **76.4351, 71.8188, 74.7996**, and **28.2072, 21.1245, 17.3426** is the 20% darker color. If you saturate the color by 10%, you get **50.8475, 37.3952, 28.6431**, and if you desaturate by 10%, it is **63.0545, 55.3510, 52.6218**.

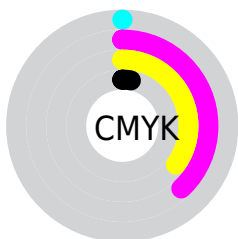
Distribution



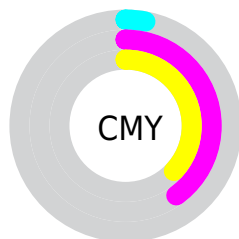
- Red (97%)
- Green (60%)
- Blue (63%)



- Red (97%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3464, 45.4586, 39.5228 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 56.3464, 45.4586, 39.5228 by changing the saturation by 10% instead.


 56.3464, 45.4586,
39.5228

 56.3464, 45.4586,
39.5228


401.0495,
368.6277, 359.6002

 40.7188, 31.8188,
26.8557

 98.6477, 83.4082,
75.6654

 28.2861, 21.2231,
17.2334


 126.0522,
108.4867, 99.9780

 18.6830, 13.2872,
10.2373


158.1130,
138.1470, 129.0096

 11.5441, 7.6266,
5.4489

195.1955,
172.7733, 163.1786

 6.5040, 3.8570,
2.4497

237.6651,
212.7502, 202.9037

 3.1975, 1.5939,
0.8133

285.8870,

 1.2590, 0.3535,

258.4620, 248.6032

0.0000

340.2267,
310.2930, 300.6959

■ 0.1522, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3464, 45.4586,
39.5228

■ 56.3464, 45.4586,
39.5228

■ 50.8475, 37.3952,
28.6431

■ 63.0545, 55.3510,
52.6218

■ 46.4822, 31.0425,
19.8573

■ 71.0340, 67.1680,
68.0509

■ 43.1722, 26.2789,
13.0312

■ 80.3472, 81.0064,
85.9167

■ 40.8277, 22.9638,
8.0143

■ 91.0515, 96.9545,
106.3183

■ 39.3438, 20.9321,
4.6338

■ 92.1678, 98.5142,
108.7651

■ 38.5851, 19.9659,
2.6815

■ 38.4718, 19.8198,
2.3953

Harmonies

Analogous

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



56.6650, 45.4586, 57.8061



56.3464, 45.4586, 39.5228



52.2932, 45.4586, 27.4652

Triad

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



56.3464, 45.4586, 39.5228



34.6080, 45.4586, 28.8968



40.5124, 45.4586, 93.5718

Complementary

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



56.3464, 45.4586, 39.5228



62.3175, 79.6838, 94.5385

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.



35.2395, 45.4586, 80.9650



56.3464, 45.4586, 39.5228



32.0689, 45.4586, 42.0243

Square

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



56.3464, 45.4586, 39.5228



39.5675, 45.4586, 22.4783



32.2877, 45.4586, 61.0215



47.0632, 45.4586, 92.4102

Rectangle

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



56.3464, 45.4586, 39.5228



48.2301, 45.4586, 23.1583



32.2877, 45.4586, 61.0215



38.5455, 45.4586, 90.6931

Sweetspot

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



56.3476, 45.4608, 39.5237



82.8466, 81.8313, 85.6010



64.0265, 48.2232, 93.9292



17.4375, 17.0767, 17.7565



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.



56.3476, 45.4608, 39.5237



56.0700, 42.2554, 33.5848



63.2067, 60.1387, 38.8513



16.5497, 16.5027, 17.3753



20.3654, 10.4896, 1.3668



1.8071, 0.9288, 0.2107

Inverse Universe

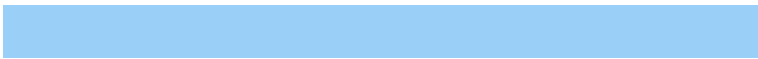
The Inverse Universe completely reimagines the original color for something new.



56.3476, 45.4608, 39.5237



56.0700, 42.2554, 33.5848



52.7338, 58.8212, 96.5700



16.5497, 16.5027, 17.3753



20.3654, 10.4896, 1.3668



1.8071, 0.9288, 0.2107

Previews

White Background



This preview shows how the XYZ color 56.3464, 45.4586, 39.5228 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 56.3464, 45.4586, 39.5228 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 56.3464, 45.4586, 39.5228

Background



This preview shows how black text looks on a background with the XYZ color 56.3464, 45.4586, 39.5228.



This preview shows how white text looks on a background with the XYZ color 56.3464, 45.4586,

39.5228.

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

56.3464, 45.4586, 39.5228

Protanopia

43.8655, 45.6496, 47.0567

Deuteranopia

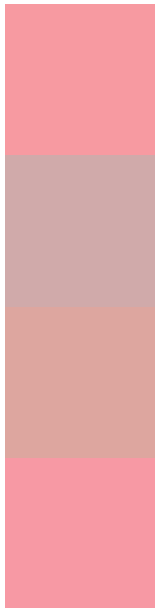
46.5687, 45.4776, 38.6714



Tritanopia

56.5405, 45.2732, 41.3559

Trichromacy



Original Color

56.3464, 45.4586, 39.5228

Protanomaly

47.6428, 45.0616, 44.2169

Deuteranomaly

49.7130, 45.1478, 38.8951

Tritanomaly

56.4498, 45.2370, 40.8783

Monochromacy



Original Color

56.3464, 45.4586, 39.5228

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.9440, 45.7220, 46.8557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3464, 45.4586, 39.5228 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(247, 154, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 154, 161)  
}
```

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(247, 154, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 154, 161) }
```

Border

The CSS property to change the border of an element to XYZ 56.3464, 45.4586, 39.5228 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(247, 154, 161) }
```


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

```
.border{ border-color:rgb(247, 154, 161) }
```

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

Here you see how a box with a 4 pixel rgb(247, 154, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 154, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 154, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 154,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3464, 45.4586, 39.5228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 154, 161) }
```

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

```
.background{ background-color: rgb(247,  
154, 161) }
```

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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