

Converting Colors

XYZ(51.9759, 39.4244, 40.4250)

Have a look what the booklet for
XYZ(51.9759, 39.4244, 40.4250)
contains.

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Color

**XYZ(52.1556, 39.5943,
40.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	F18AA5
RGB	241, 138, 165
RGB Percent	95%, 54%, 65%
CMY	0.0549, 0.4588, 0.3529
CMYK	0.00, 0.43, 0.32, 0.05
HSL	344°, 79%, 74%
HSV	344°, 43%, 95%
XYZ	52.1556, 39.5943, 40.4909
YIQ	171.8750, 52.7210, 30.2330

Conversions

Conversions Part 2

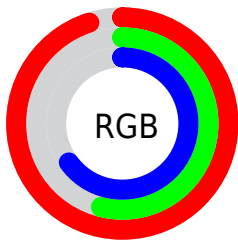
Format	Color
R _Y B	241, 138, 165
Decimal	15829669
CIE Lab	69.18, 42.19, 3.04
CIE LCh	69, 42.302, 4.118
Yxy	39.5943, 0.3944, 0.2994
Android (android.graphics.Color)	4294019749 (0xFFFF18AA5)
YUV	171.8750, -3.3894, 60.6226
Hunter-Lab	62.9240, 37.8357, 5.8943

Details

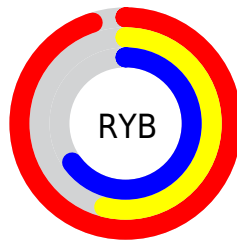
The XYZ color **52.1556, 39.5943, 40.4909** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0759, 73.1698, 74.8951**, and the grayscale version is **39.1484, 41.1872, 44.8529**.

A 20% lighter version of the original color is **73.2282, 64.5672, 76.3133**, and **25.5205, 17.6343, 17.6815** is the 20% darker color. If you saturate the color by 10%, you get **47.5660, 32.8277, 31.5227**, and if you desaturate by 10%, it is **57.7396, 47.9889, 50.9018**.

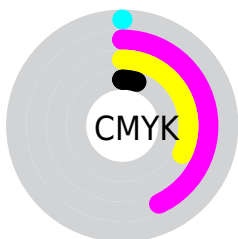
Distribution



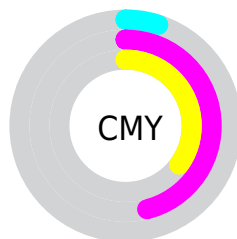
- Red (95%)
- Green (54%)
- Blue (65%)



- Red (95%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1556, 39.5943, 40.4909 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 52.1556, 39.5943, 40.4909 by changing the saturation by 10% instead.

 52.1556, 39.5943,
40.4909

 52.1556, 39.5943,
40.4909


385.3511,
344.4106, 363.8017


 37.3539, 27.2224,
27.6048


 92.5335, 74.5453,
77.1557

 25.6565, 17.7403,
17.7915


 118.8405, 97.8932,
101.7715

 16.6982, 10.7637,
10.6325


 149.7132,
125.6686, 131.1343

 10.1135, 5.9082,
5.7093

185.5171,
158.2557, 165.6626

 5.5371, 2.7893,
2.6032

226.6175,
196.0391, 205.7749

 2.6037, 1.0228,
0.8941

273.3797,

 0.9478, 0.0000,

239.4031, 251.8899

0.0000

326.1691,
288.7322, 304.4260

■ 0.0000, 0.0000,
0.0000

■ 52.1556, 39.5943,
40.4909

■ 52.1556, 39.5943,
40.4909

■ 47.5660, 32.8277,
31.5227

■ 57.7396, 47.9889,
50.9018

■ 43.9069, 27.5771,
23.9293

■ 64.3699, 58.1024,
62.8144

■ 41.1120, 23.7251,
17.6400

■ 72.0989, 70.0258,
76.2872

■ 39.1042, 21.1347,
12.5769

■ 80.9742, 83.8421,
91.3748

■ 37.7915, 19.6405,
8.6519

■ 89.9119, 97.3713,
107.7528

■ 37.1775, 19.0615,
6.4467

■ 90.0857, 97.4408,
108.6677

Harmonies

Analogous

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



50.5914, 39.5943, 61.5034



52.1556, 39.5943, 40.4909



49.4620, 39.5943, 25.4099

Triad

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



52.1556, 39.5943, 40.4909



30.7984, 39.5943, 19.0399



32.2359, 39.5943, 86.0648

Complementary

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



52.1556, 39.5943, 40.4909



54.0759, 73.1698, 74.8951

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.



27.8588, 39.5943, 67.5651



52.1556, 39.5943, 40.4909



27.1012, 39.5943, 28.8088

Square

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



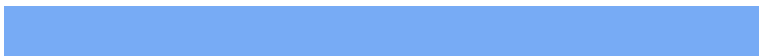
52.1556, 39.5943, 40.4909



36.7067, 39.5943, 15.6069



26.0928, 39.5943, 45.8427



38.5752, 39.5943, 91.9664

Rectangle

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



52.1556, 39.5943, 40.4909



45.7837, 39.5943, 19.4238



26.0928, 39.5943, 45.8427



30.5124, 39.5943, 80.8878

Sweetspot

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



52.1567, 39.5962, 40.4917



81.6802, 79.1664, 86.2357



52.5627, 38.7560, 87.9295



17.0448, 16.2666, 17.7014



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.



52.1567, 39.5962, 40.4917



54.8284, 38.4190, 37.3431



53.7907, 46.3901, 30.1663



15.9429, 15.8269, 17.2553



20.2075, 10.3554, 3.7432



1.7206, 0.8773, 0.5196

Inverse Universe

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



52.1567, 39.5962, 40.4917



54.8284, 38.4190, 37.3431



51.1642, 61.3640, 92.3670



15.9429, 15.8269, 17.2553



20.2075, 10.3554, 3.7432



1.7206, 0.8773, 0.5196

Previews

White Background



This preview shows how the XYZ color 52.1556, 39.5943, 40.4909 looks on a white background.

Color Contrast Check

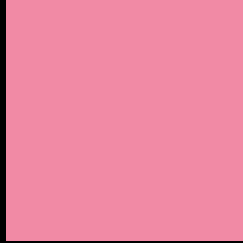
Large Text (above 18pt) WCAG AA × Fail

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 52.1556, 39.5943, 40.4909 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 52.1556, 39.5943, 40.4909

Background



This preview shows how black text looks on a background with the XYZ color 52.1556, 39.5943, 40.4909.



This preview shows how white text looks on a background with the XYZ color 52.1556, 39.5943,

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

52.1556, 39.5943, 40.4909

Protanopia

38.6983, 39.7490, 50.4324

Deuteranopia

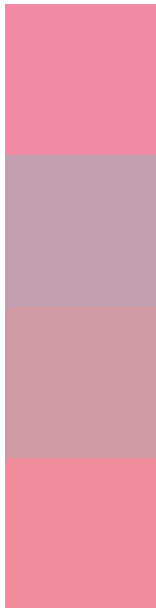
40.6947, 39.9429, 39.2831



Tritanopia

50.8992, 39.5158, 34.2228

Trichromacy



Original Color

52.1556, 39.5943, 40.4909

Protanomaly

42.3991, 38.8506, 46.3385

Deuteranomaly

44.2554, 39.4612, 39.4667

Tritanomaly

51.1685, 39.3908, 36.3588

Monochromacy



Original Color

52.1556, 39.5943, 40.4909

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.7582, 39.8765, 42.9795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1556, 39.5943, 40.4909 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(241, 138, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 138, 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(241, 138, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 138, 165) }
```

Border

The CSS property to change the border of an element to XYZ 52.1556, 39.5943, 40.4909 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(241, 138, 165) }
```


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

```
.border{ border-color:rgb(241, 138, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 138, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 138, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 138, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 138,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1556, 39.5943, 40.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 138, 165) }
```

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

```
.background{ background-color: rgb(241,  
138, 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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