

Converting Colors

XYZ(52.4179, 39.3458, 39.7469)

Have a look what the booklet for
XYZ(52.4179, 39.3458, 39.7469)
contains.

XYZ(52.4671, 39.3433, 39.9507)	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(52.4671, 39.3433,
39.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	F388A4
RGB	243, 136, 164
RGB Percent	95%, 53%, 64%
CMY	0.0471, 0.4666, 0.3569
CMYK	0.00, 0.44, 0.33, 0.05
HSL	344°, 82%, 74%
HSV	344°, 44%, 95%
XYZ	52.4671, 39.3433, 39.9507
YIQ	171.1850, 54.7840, 31.3920

Conversions

Conversions Part 2

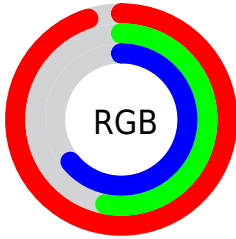
Format	Color
R _Y B	243, 136, 164
Decimal	15960228
CIE Lab	69.00, 43.78, 3.37
CIE LCh	69, 43.913, 4.401
Yxy	39.3433, 0.3982, 0.2986
Android (android.graphics.Color)	4294150308 (0xFFFF388A4)
YUV	171.1850, -3.5422, 62.9818
Hunter-Lab	62.7242, 39.5429, 6.1436

Details

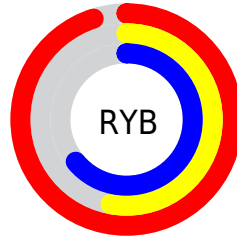
The XYZ color **52.4671, 39.3433, 39.9507** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.4715, 74.2426, 75.7531**, and the grayscale version is **38.8006, 40.8213, 44.4544**.

A 20% lighter version of the original color is **72.6570, 63.6361, 75.4714**, and **25.7851, 17.5467, 17.3571** is the 20% darker color. If you saturate the color by 10%, you get **47.9169, 32.6556, 30.9959**, and if you desaturate by 10%, it is **58.0238, 47.6778, 50.3696**.

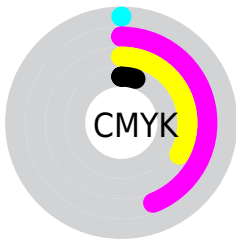
Distribution



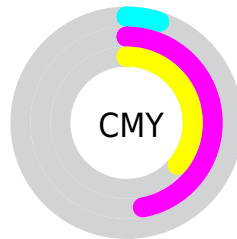
- Red (95%)
- Green (53%)
- Blue (64%)



- Red (95%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (44%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4671, 39.3433, 39.9507 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 52.4671, 39.3433, 39.9507 by changing the saturation by 10% instead.

 52.4671, 39.3433,
39.9507

 52.4671, 39.3433,
39.9507


386.5316,
343.3479, 361.4617


 37.6033, 27.0269,
27.1866


 92.9899, 74.1625,
76.3247

 25.8508, 17.5934,
17.4797


 119.3796, 97.4340,
100.7717

 16.8441, 10.6585,
10.4116


 150.3420,
125.1261, 129.9501

 10.2180, 5.8377,
5.5635

186.2424,
157.6231, 164.2784

 5.6071, 2.7466,
2.5171

227.4463,
195.3093, 204.1752

 2.6461, 1.0009,
0.8492

274.3188,

 0.9695, 0.0000,

238.5693, 250.0589

0.0000

327.2255,
287.7873, 302.3482

■ 0.0000, 0.0000,
0.0000

■ 52.4671, 39.3433,
39.9507

■ 52.4671, 39.3433,
39.9507

■ 47.9169, 32.6556,
30.9959

■ 58.0238, 47.6778,
50.3696

■ 44.3074, 27.4987,
23.4350

■ 64.6408, 57.7530,
62.3137

■ 41.5696, 23.7511,
17.1953

■ 72.3720, 69.6627,
75.8429

■ 39.6233, 21.2698,
12.1958

■ 81.2664, 83.4923,
91.0135

■ 38.3719, 19.8809,
8.3451

■ 90.5653, 97.7119,
107.6105

■ 37.8757, 19.4201,
6.5402

■ 90.7722, 97.7947,
108.6998

Harmonies

Analogous

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



50.8789, 39.3433, 61.7239



52.4671, 39.3433, 39.9507



49.6225, 39.3433, 24.5569

Triad

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



52.4671, 39.3433, 39.9507



30.3007, 39.3433, 18.2727



31.8806, 39.3433, 87.7970

Complementary

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



52.4671, 39.3433, 39.9507



54.4715, 74.2426, 75.7531

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.



27.3612, 39.3433, 68.4859



52.4671, 39.3433, 39.9507



26.5319, 39.3433, 28.2608

Square

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



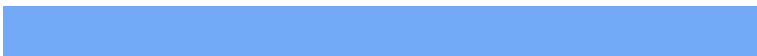
52.4671, 39.3433, 39.9507



36.3723, 39.3433, 14.7716



25.5264, 39.3433, 45.8615



38.4359, 39.3433, 93.8468

Rectangle

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



52.4671, 39.3433, 39.9507



45.7806, 39.3433, 18.5357



25.5264, 39.3433, 45.8615



30.1009, 39.3433, 82.3985

Sweetspot

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



52.4682, 39.3452, 39.9515



81.6780, 79.1655, 86.2246



52.8512, 38.4480, 89.4297



17.0442, 16.2664, 17.6987



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.



52.4682, 39.3452, 39.9515



53.8726, 37.0306, 35.4117



54.1465, 46.3123, 29.3804



16.6771, 16.5537, 18.0462



20.8343, 10.6772, 3.8360



1.8717, 0.9546, 0.5506

Inverse Universe

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



52.4682, 39.3452, 39.9515



53.8726, 37.0306, 35.4117



51.4125, 61.8668, 94.0258



16.6771, 16.5537, 18.0462



20.8343, 10.6772, 3.8360



1.8717, 0.9546, 0.5506

Previews

White Background



This preview shows how the XYZ color 52.4671, 39.3433, 39.9507 looks on a white background.

Color Contrast Check

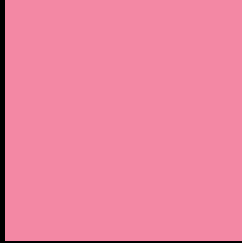
Large Text (above 18pt) WCAG AA × Fail

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 52.4671, 39.3433, 39.9507 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 52.4671, 39.3433, 39.9507

Background



This preview shows how black text looks on a background with the XYZ color 52.4671, 39.3433, 39.9507.



This preview shows how white text looks on a background with the XYZ color 52.4671, 39.3433,

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

52.4671, 39.3433, 39.9507

Protanopia

38.6983, 39.7490, 50.4324

Deuteranopia

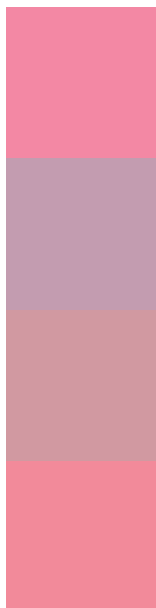
40.3415, 39.5164, 38.3021



Tritanopia

51.2754, 39.5124, 33.3579

Trichromacy



Original Color

52.4671, 39.3433, 39.9507

Protanomaly

42.2306, 38.5136, 46.2824

Deuteranomaly

44.1188, 38.9110, 38.9035

Tritanomaly

51.5392, 39.3873, 35.4579

Monochromacy



Original Color

52.4671, 39.3433, 39.9507

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.3207, 39.1512, 42.3722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4671, 39.3433, 39.9507 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(243, 136, 164)` looks like.

```
.text, #text, p{  
    color:rgb(243, 136, 164)  
}
```

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(243, 136, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 136, 164) }
```

Border

The CSS property to change the border of an element to XYZ 52.4671, 39.3433, 39.9507 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(243, 136, 164) }
```


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

```
.border{ border-color:rgb(243, 136, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 136, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 136, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 136, 164);  
box-shadow:4px 4px 4px 4px rgb(243, 136,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4671, 39.3433, 39.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 136, 164) }
```

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

```
.background{ background-color: rgb(243,  
136, 164) }
```

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