

Converting Colors

XYZ(52.2934, 39.7565, 42.5627)

Have a look what the booklet for
XYZ(52.2934, 39.7565, 42.5627)
contains.

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Color

**XYZ(52.3292, 39.8551,
42.4709)**

Conversions

Conversions Part 1

Format	Color
Hex	F08BA9
RGB	240, 139, 169
RGB Percent	94%, 55%, 66%
CMY	0.0588, 0.4549, 0.3373
CMYK	0.00, 0.42, 0.30, 0.06
HSL	342°, 77%, 74%
HSV	342°, 42%, 94%
XYZ	52.3292, 39.8551, 42.4709
YIQ	172.6190, 50.5660, 30.7420

Conversions

Conversions Part 2

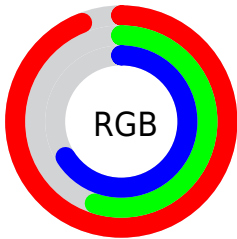
Format	Color
R _Y B	240, 139, 169
Decimal	15764393
CIE Lab	69.37, 41.84, 1.05
CIE LCh	69, 41.855, 1.441
Yxy	39.8551, 0.3886, 0.2960
Android (android.graphics.Color)	4293954473 (0xFFFF08BA9)
YUV	172.6190, -1.7842, 59.0931
Hunter-Lab	63.1309, 37.4796, 4.3047

Details

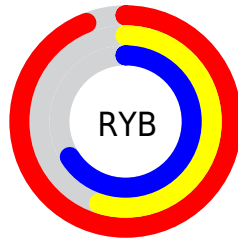
The XYZ color **52.3292, 39.8551, 42.4709** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.4422, 72.4632, 72.1466**, and the grayscale version is **39.5185, 41.5765, 45.2768**.

A 20% lighter version of the original color is **73.9863, 65.2254, 79.2113**, and **25.8301, 17.8850, 18.9204** is the 20% darker color. If you saturate the color by 10%, you get **47.7447, 33.0595, 33.6258**, and if you desaturate by 10%, it is **57.8830, 48.2618, 52.6484**.

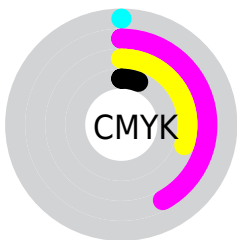
Distribution



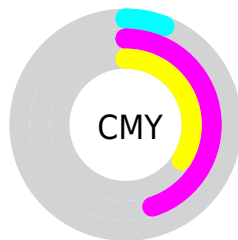
- Red (94%)
- Green (55%)
- Blue (66%)



- Red (94%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (42%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3292, 39.8551, 42.4709 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 52.3292, 39.8551, 42.4709 by changing the saturation by 10% instead.


 52.3292, 39.8551,
42.4709


 52.3292, 39.8551,
42.4709

386.0093,
345.5125, 372.2884


 37.4929, 27.4256,
29.1419

 92.7879, 74.9428,
80.1896

 25.7648, 17.8931,
18.9417


 119.1410, 98.3698,
105.4163

 16.7795, 10.8733,
11.4518

 150.0637,
126.2314, 135.4461

 10.1717, 5.9817,
6.2536

185.9215,
158.9120, 170.6973

 5.5761, 2.8339,
2.9286

227.0795,
196.7960, 211.5886

 2.6273, 1.0457,
1.0583

273.9033,

 0.9599, 0.0000,

240.2679, 258.5386

0.0000

326.7581,
289.7119, 311.9656

■ 0.0000, 0.0000,
0.0000

■ 52.3292, 39.8551,
42.4709

■ 52.3292, 39.8551,
42.4709

■ 47.7447, 33.0595,
33.6258

■ 57.8830, 48.2618,
52.6484

■ 44.0681, 27.7651,
26.0531

■ 64.4561, 58.3684,
64.2099

■ 41.2357, 23.8575,
19.6912

■ 72.0988, 70.2642,
77.2072

■ 39.1735, 21.2032,
14.4719

■ 80.8570, 84.0304,
91.6883

■ 37.7936, 19.6414,
10.3188

■ 89.4825, 97.1602,
107.2686

■ 37.0815, 18.9838,
7.7180

■ 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



50.4074, 39.8551, 63.6093



52.3292, 39.8551, 42.4709



50.0150, 39.8551, 26.8069

Triad

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



52.3292, 39.8551, 42.4709



31.5302, 39.8551, 18.8530



32.0312, 39.8551, 84.7111

Complementary

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



52.3292, 39.8551, 42.4709



53.4422, 72.4632, 72.1466

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.



27.8878, 39.8551, 65.7132



52.3292, 39.8551, 42.4709



27.6236, 39.8551, 27.9938

Square

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



52.3292, 39.8551, 42.4709



37.5569, 39.8551, 15.9097



26.3720, 39.8551, 44.3333



38.2071, 39.8551, 91.9242

Rectangle

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



52.3292, 39.8551, 42.4709



46.5235, 39.8551, 20.4059



26.3720, 39.8551, 44.3333



30.3813, 39.8551, 79.2604

Sweetspot

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



52.3303, 39.8570, 42.4717



81.8437, 79.2318, 87.0969



51.4553, 38.4164, 87.1412



17.0848, 16.2826, 17.9120



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.



52.3303, 39.8570, 42.4717



55.7191, 39.2982, 40.4211



53.0294, 45.2565, 30.3691



15.9660, 15.8361, 17.3769



20.3498, 10.4123, 4.4926



1.7350, 0.8831, 0.5955

Inverse Universe

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



52.3303, 39.8570, 42.4717



55.7191, 39.2982, 40.4211



51.9179, 62.8630, 91.8355



15.9660, 15.8361, 17.3769



20.3498, 10.4123, 4.4926



1.7350, 0.8831, 0.5955

Previews

White Background



This preview shows how the XYZ color 52.3292, 39.8551, 42.4709 looks on a white background.

Color Contrast Check

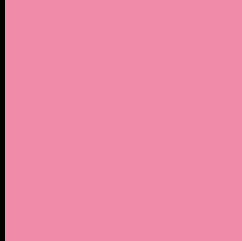
Large Text (above 18pt) WCAG AA × Fail

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 52.3292, 39.8551, 42.4709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

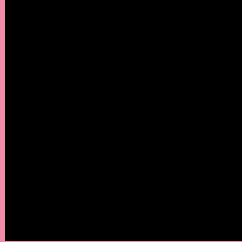
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3292, 39.8551, 42.4709

Background



This preview shows how black text looks on a background with the XYZ color 52.3292, 39.8551, 42.4709.



This preview shows how white text looks on a background with the XYZ color 52.3292, 39.8551,

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

52.3292, 39.8551, 42.4709

Protanopia

39.3061, 40.2886, 52.7185

Deuteranopia

40.8060, 39.9589, 41.1594



Tritanopia

50.6004, 39.7901, 34.7191

Trichromacy



Original Color

52.3292, 39.8551, 42.4709



Protanomaly

42.7132, 39.2183, 48.4987



Deuteranomaly

44.3364, 39.4613, 41.3564



Tritanomaly

51.2930, 39.8691, 37.3398

Monochromacy



Original Color

52.3292, 39.8551, 42.4709



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.2172, 40.3386, 44.5381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3292, 39.8551, 42.4709 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(240, 139, 169)` looks like.

```
.text, #text, p{  
    color:rgb(240, 139, 169)  
}
```

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(240, 139, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 139, 169) }
```

Border

The CSS property to change the border of an element to XYZ 52.3292, 39.8551, 42.4709 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(240, 139, 169) }
```


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

```
.border{ border-color:rgb(240, 139, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 139, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 139, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 139, 169);  
box-shadow:4px 4px 4px 4px rgb(240, 139,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3292, 39.8551, 42.4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 139, 169) }
```

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

```
.background{ background-color: rgb(240,  
139, 169) }
```

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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