

Converting Colors

XYZ(47.3422, 23.7430, 54.7357)

Have a look what the booklet for
XYZ(47.3422, 23.7430, 54.7357)
contains.

XYZ(47.3668, 23.7392, 54.9089)	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(47.3668, 23.7392,
54.9089)**

Conversions

Conversions Part 1

Format	Color
Hex	F318C5
RGB	243, 24, 197
RGB Percent	95%, 9%, 77%
CMY	0.0471, 0.9058, 0.2274
CMYK	0.00, 0.90, 0.19, 0.05
HSL	313°, 90%, 52%
HSV	313°, 90%, 95%
XYZ	47.3668, 23.7392, 54.9089
YIQ	109.2030, 74.9910, 100.2310

Conversions

Conversions Part 2

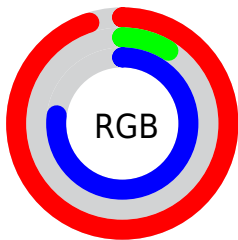
Format	Color
R _Y B	243, 24, 197
Decimal	15931589
CIE _{Lab}	55.83, 86.82, -35.36
CIE _{LCh}	56, 93.743, 337.842
Yxy	23.7392, 0.3759, 0.1884
Android (android.graphics.Color)	4294121669 (0xFFFF318C5)
YUV	109.2030, 43.2839, 117.3400
Hunter-Lab	48.7229, 88.2668, -32.7116

Details

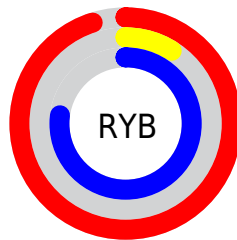
The XYZ color **47.3668, 23.7392, 54.9089** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **33.5345, 64.7386, 16.5274**, and the grayscale version is **14.4639, 15.2172, 16.5715**.

A 20% lighter version of the original color is **64.2834, 38.7238, 97.8523**, and **24.2493, 11.9283, 27.0109** is the 20% darker color. If you saturate the color by 10%, you get **46.4715, 22.8585, 51.8045**, and if you desaturate by 10%, it is **48.7059, 25.4649, 58.2905**.

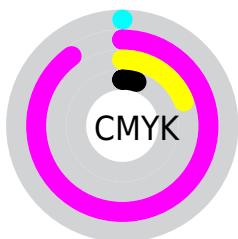
Distribution



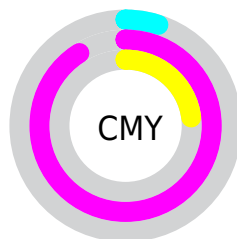
- Red (95%)
- Green (9%)
- Blue (77%)



- Red (95%)
- Yellow (9%)
- Blue (77%)



- Cyan (0%)
- Magenta (90%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (91%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3668, 23.7392, 54.9089 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 47.3668, 23.7392, 54.9089 by changing the saturation by 10% instead.

 47.3668, 23.7392,
54.9089


 47.3668, 23.7392,
54.9089


366.9013,
271.4993, 422.8387

 33.5349, 15.1403,
38.9307


 85.4763, 49.6043,
98.8773


 22.6977, 8.9179,
26.3984


 110.4846, 67.6392,
127.7045

 14.4899, 4.6877,
16.8935


 139.9490, 89.5883,
161.6518

 8.5462, 2.0652,
9.9974

 174.2350,
115.8359, 201.1378

 4.5011, 0.6449,
5.2917

 213.7079,
146.7664, 246.5809

 1.9893, 0.0000,
2.3577

258.7330,

 0.6280, 0.0000,

182.7642, 298.3998

0.7633

309.6756,
224.2137, 357.0128

■ 0.0000, 0.0000,
0.0000

■ 47.3668, 23.7392,
54.9089

■ 47.3668, 23.7392,
54.9089

■ 46.4715, 22.8585,
51.8045

■ 48.7059, 25.4649,
58.2905

■ 50.6087, 28.2864,
61.9586

■ 53.1538, 32.3603,
65.9403

■ 56.4065, 37.8167,
70.2584

■ 60.4238, 44.7695,
74.9329

65.2570, 53.3207,
79.9816

70.9527, 63.5635,
85.4209

77.5539, 75.5836,
91.2662

85.1008, 89.4612,
97.5316

Harmonies

Analogous

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



37.6180, 23.7392, 105.4352



47.3668, 23.7392, 54.9089



49.5674, 23.7392, 18.6373

Triad

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



47.3668, 23.7392, 54.9089



19.8807, 23.7392, 0.2367



9.9394, 23.7392, 81.1723

Complementary

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



47.3668, 23.7392, 54.9089



33.5345, 64.7386, 16.5274

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.



7.7405, 23.7392, 34.7132



47.3668, 23.7392, 54.9089



12.1804, 23.7392, 1.6818

Square

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



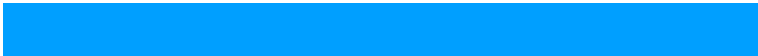
47.3668, 23.7392, 54.9089



31.2100, 23.7392, 0.6594



8.4066, 23.7392, 9.4283



15.6824, 23.7392, 127.2332

Rectangle

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



47.3668, 23.7392, 54.9089



45.9722, 23.7392, 6.9831



8.4066, 23.7392, 9.4283



8.8593, 23.7392, 64.0976

Sweetspot

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



47.3676, 23.7404, 54.9093



74.6385, 62.7643, 91.0374



18.8765, 8.3481, 85.4109



15.5365, 12.6486, 19.0530



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.



47.3676, 23.7404, 54.9093



51.8335, 25.4974, 57.7143



39.1231, 20.4426, 11.4942



17.0558, 16.7052, 20.0403



25.5562, 12.5659, 28.7008



2.2826, 1.1190, 2.7146

Inverse Universe

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



47.3676, 23.7404, 54.9093



51.8335, 25.4974, 57.7143



40.3947, 67.4827, 52.6529



17.0558, 16.7052, 20.0403



25.5562, 12.5659, 28.7008



2.2826, 1.1190, 2.7146

Previews

White Background



This preview shows how the XYZ color 47.3668, 23.7392, 54.9089 looks on a white background.

Color Contrast Check

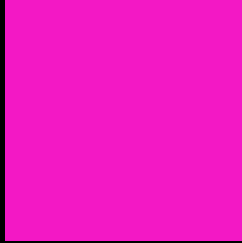
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3668, 23.7392, 54.9089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

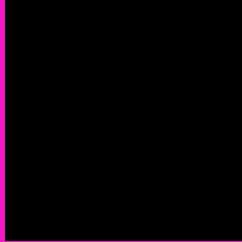
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 47.3668, 23.7392, 54.9089

Background



This preview shows how black text looks on a background with the XYZ color 47.3668, 23.7392, 54.9089.



This preview shows how white text looks on a background with the XYZ color 47.3668, 23.7392,

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

47.3668, 23.7392, 54.9089

Protanopia

28.2126, 24.3091, 97.8129

Deuteranopia

24.6157, 24.1294, 49.2590



Tritanopia

38.4006, 23.8698, 10.9709

Trichromacy



Original Color

47.3668, 23.7392, 54.9089



Protanomaly

27.7983, 18.1685, 79.8836



Deuteranomaly

28.2039, 19.2894, 50.3808



Tritanomaly

40.2426, 22.7169, 21.6658

Monochromacy



Original Color

47.3668, 23.7392, 54.9089



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

21.6327, 14.6410, 26.8851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3668, 23.7392, 54.9089 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, 24, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 24, 197)  
}
```

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, 24, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 24, 197) }
```

Border

The CSS property to change the border of an element to XYZ 47.3668, 23.7392, 54.9089 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, 24, 197) }
```


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

```
.border{ border-color:rgb(243, 24, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 24, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 24, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 24, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 24,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3668, 23.7392, 54.9089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 24, 197) }
```

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

```
.background{ background-color: rgb(243, 24,  
197) }
```

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