

Converting Colors

XYZ(53.2165, 39.5638, 47.4796)

Have a look what the booklet for
XYZ(53.2165, 39.5638, 47.4796)
contains.

XYZ(53.2165, 39.5638, 47.4796)	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(53.2165, 39.5638,
47.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	F188B3
RGB	241, 136, 179
RGB Percent	95%, 53%, 70%
CMY	0.0549, 0.4666, 0.2980
CMYK	0.00, 0.44, 0.26, 0.05
HSL	335°, 79%, 74%
HSV	335°, 44%, 95%
XYZ	53.2165, 39.5638, 47.4796
YIQ	172.2970, 48.7770, 35.6330

Conversions

Conversions Part 2

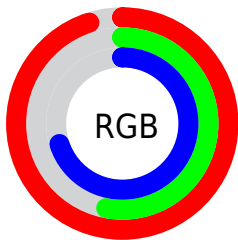
Format	Color
R _Y B	241, 136, 179
Decimal	15829171
CIE Lab	69.16, 45.04, -4.84
CIE LCh	69, 45.303, 353.868
Yxy	39.5638, 0.3794, 0.2821
Android (android.graphics.Color)	4294019251 (0xFFFF188B3)
YUV	172.2970, 3.3046, 60.2525
Hunter-Lab	62.8998, 40.9458, -0.7250

Details

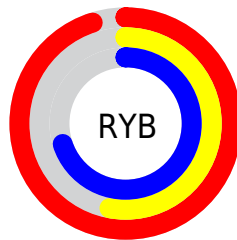
The XYZ color **53.2165, 39.5638, 47.4796** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.8036, 72.2231, 64.6399**, and the grayscale version is **39.3307, 41.3790, 45.0617**.

A 20% lighter version of the original color is **74.8662, 64.5198, 87.1049**, and **26.3876, 17.7602, 21.7759** is the 20% darker color. If you saturate the color by 10%, you get **48.8302, 32.9768, 39.2790**, and if you desaturate by 10%, it is **58.5166, 47.7401, 56.7185**.

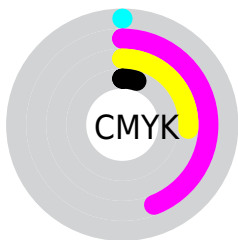
Distribution



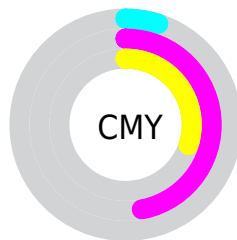
- Red (95%)
- Green (53%)
- Blue (70%)



- Red (95%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2165, 39.5638, 47.4796 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 53.2165, 39.5638, 47.4796 by changing the saturation by 10% instead.


 53.2165, 39.5638,
47.4796


 53.2165, 39.5638,
47.4796


389.3625,
344.2816, 393.1747


 38.2038, 27.1986,
33.0579

 94.0865, 74.4988,
87.7865

 26.3188, 17.7224,
21.8993


 120.6746, 97.8374,
114.5089

 17.1962, 10.7509,
13.5853


 151.8517,
125.6027, 146.1685

 10.4707, 5.8996,
7.6974

187.9834,
158.1789, 183.1839

 5.7768, 2.7841,
3.8169

229.4350,
195.9505, 225.9737

 2.7492, 1.0201,
1.5255

276.5718,

 1.0226, 0.0000,

239.3019, 274.9564

0.2368

329.7592,
288.6175, 330.5506

■ 0.0000, 0.0000,
0.0000

■ 53.2165, 39.5638,
47.4796

■ 53.2165, 39.5638,
47.4796

■ 48.8302, 32.9768,
39.2790

■ 58.5166, 47.7401,
56.7185

■ 45.2981, 27.8680,
32.0736

■ 64.7785, 57.5954,
67.0318

■ 42.5585, 24.1209,
25.8199

■ 72.0504, 69.2199,
78.4561

■ 40.5389, 21.5991,
20.4695

■ 80.3765, 82.6951,
91.0258

■ 39.1524, 20.1364,
15.9672

■ 89.3157, 97.1328,
104.6127

■ 38.5130, 19.5957,
13.4789

■ 90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



50.0080, 39.5638, 71.1283



53.2165, 39.5638, 47.4796



51.8282, 39.5638, 28.8737

Triad

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



53.2165, 39.5638, 47.4796



32.2469, 39.5638, 15.9341



29.9772, 39.5638, 83.9776

Complementary

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



53.2165, 39.5638, 47.4796



51.8036, 72.2231, 64.6399

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.



26.2544, 39.5638, 61.3118



53.2165, 39.5638, 47.4796



27.4424, 39.5638, 23.5839

Square

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



53.2165, 39.5638, 47.4796



39.1112, 39.5638, 14.3500



25.3897, 39.5638, 38.9577



36.1365, 39.5638, 96.1337

Rectangle

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



53.2165, 39.5638, 47.4796



48.5619, 39.5638, 20.9319



25.3897, 39.5638, 38.9577



28.4329, 39.5638, 77.0426

Sweetspot

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



53.2176, 39.5657, 47.4804



82.3783, 79.4456, 89.9121



47.7746, 35.8656, 87.6242



17.2159, 16.3350, 18.6025



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.



53.2176, 39.5657, 47.4804



56.1546, 38.4398, 45.8977



50.8083, 40.6549, 28.4643



16.0411, 15.8662, 17.7728



20.9477, 10.6515, 7.6414



1.7909, 0.9054, 0.8895

Inverse Universe

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



53.2176, 39.5657, 47.4804



56.1546, 38.4398, 45.8977



54.9590, 69.4403, 93.7261



16.0411, 15.8662, 17.7728



20.9477, 10.6515, 7.6414



1.7909, 0.9054, 0.8895

Previews

White Background



This preview shows how the XYZ color 53.2165, 39.5638, 47.4796 looks on a white background.

Color Contrast Check

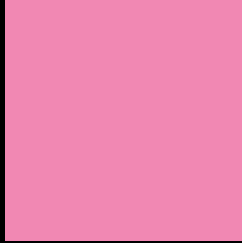
Large Text (above 18pt) WCAG AA × Fail

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 53.2165, 39.5638, 47.4796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

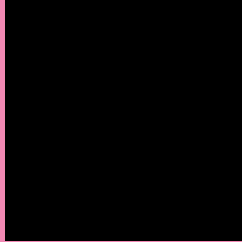
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2165, 39.5638, 47.4796

Background



This preview shows how black text looks on a background with the XYZ color 53.2165, 39.5638, 47.4796.



This preview shows how white text looks on a background with the XYZ color 53.2165, 39.5638,

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

53.2165, 39.5638, 47.4796

Protanopia

39.4157, 39.9153, 59.6598

Deuteranopia

40.4439, 39.6742, 45.5707



Tritanopia

50.4523, 39.4939, 34.6697

Trichromacy



Original Color

53.2165, 39.5638, 47.4796



Protanomaly

42.8888, 38.6591, 55.0706



Deuteranomaly

44.2939, 39.0832, 46.2836



Tritanomaly

51.3508, 39.4246, 39.0856

Monochromacy



Original Color

53.2165, 39.5638, 47.4796



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.1620, 39.7617, 45.9573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2165, 39.5638, 47.4796 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, 136, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 136, 179)  
}
```

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, 136, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 136, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.2165, 39.5638, 47.4796 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, 136, 179) }
```


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

```
.border{ border-color:rgb(241, 136, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 136, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 136, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 136, 179);  
box-shadow:4px 4px 4px 4px rgb(241, 136,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2165, 39.5638, 47.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 136, 179) }
```

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

```
.background{ background-color: rgb(241,  
136, 179) }
```

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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