

Converting Colors

XYZ(55.1190, 39.5467, 46.3231)

Have a look what the booklet for
XYZ(55.1190, 39.5467, 46.3231)
contains.

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Color

**XYZ(55.1190, 39.5467,
46.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	F983B1
RGB	249, 131, 177
RGB Percent	98%, 51%, 69%
CMY	0.0235, 0.4862, 0.3059
CMYK	0.00, 0.47, 0.29, 0.02
HSL	337°, 91%, 75%
HSV	337°, 47%, 98%
XYZ	55.1190, 39.5467, 46.3231
YIQ	171.5260, 55.5620, 39.3220

Conversions

Conversions Part 2

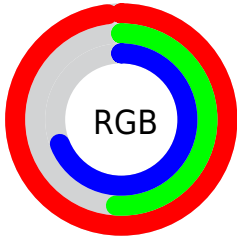
Format	Color
R_{YB}	249, 131, 177
Decimal	16352177
CIE _{Lab}	69.15, 49.95, -3.62
CIE _{LCh}	69, 50.081, 355.856
Yxy	39.5467, 0.3909, 0.2805
Android (android.graphics.Color)	4294542257 (0xFFFF983B1)
YUV	171.5260, 2.6987, 67.9447
Hunter-Lab	62.8862, 46.4024, 0.3462

Details

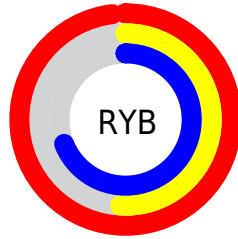
The XYZ color **55.1190, 39.5467, 46.3231** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0172, 76.8894, 68.4982**, and the grayscale version is **38.9418, 40.9698, 44.6161**.

A 20% lighter version of the original color is **73.7183, 62.6838, 85.3046**, and **27.5908, 17.7356, 21.3712** is the 20% darker color. If you saturate the color by 10%, you get **50.7365, 33.0717, 37.8018**, and if you desaturate by 10%, it is **60.4759, 47.7000, 56.0020**.

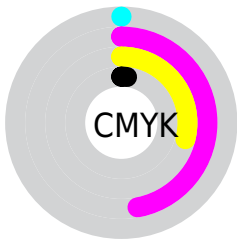
Distribution



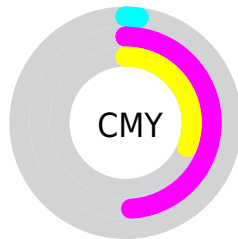
- Red (98%)
- Green (51%)
- Blue (69%)



- Red (98%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (47%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1190, 39.5467, 46.3231 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 55.1190, 39.5467, 46.3231 by changing the saturation by 10% instead.

 55.1190, 39.5467,
46.3231

 55.1190, 39.5467,
46.3231


396.4919,
344.2093, 388.4214


 39.7312, 27.1853,
32.1504


 96.8626, 74.4727,
86.0417

 27.5123, 17.7124,
21.2106


 123.9491, 97.8062,
112.4247

 18.0969, 10.7437,
13.0853

 155.6659,
125.5657, 143.7147

 11.1197, 5.8948,
7.3559

192.3784,
158.1358, 180.3305

 6.2153, 2.7812,
3.6038

234.4519,
195.9008, 222.6905

 3.0183, 1.0186,
1.4106

282.2517,

 1.1635, 0.0000,

239.2451, 271.2133

0.1500

336.1433,
288.5531, 326.3174

■ 0.0772, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1190, 39.5467,
46.3231

■ 55.1190, 39.5467,
46.3231

■ 50.7365, 33.0717,
37.8018

■ 60.4759, 47.7000,
56.0020

■ 47.2609, 28.1499,
30.3872

■ 66.8618, 57.6332,
66.8813

■ 44.6212, 24.6480,
24.0276

■ 74.3309, 69.4468,
79.0044

■ 42.7331, 22.4073,
18.6644

■ 82.9329, 83.2319,
92.4114

■ 41.4881, 21.2212,
14.2292

■ 92.5519, 98.7497,
107.0867

■ 41.2274, 21.0039,
13.2052

■ 92.8770, 98.8798,
108.7983

Harmonies

Analogous

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



51.8158, 39.5467, 72.8327



55.1190, 39.5467, 46.3231



53.2052, 39.5467, 26.5580

Triad

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



55.1190, 39.5467, 46.3231



31.2686, 39.5467, 14.3310



29.5959, 39.5467, 90.7999

Complementary

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



55.1190, 39.5467, 46.3231



54.0172, 76.8894, 68.4982

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.



25.3715, 39.5467, 65.2802



55.1190, 39.5467, 46.3231



26.2368, 39.5467, 22.7588

Square

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



55.1190, 39.5467, 46.3231



38.7108, 39.5467, 12.3650



24.2346, 39.5467, 39.9532



36.4870, 39.5467, 103.6655

Rectangle

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



55.1190, 39.5467, 46.3231



49.3556, 39.5467, 18.5458



24.2346, 39.5467, 39.9532



27.8573, 39.5467, 83.0569

Sweetspot

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



55.1201, 39.5487, 46.3239



81.3887, 77.9753, 88.0136



49.5200, 35.6032, 93.8847



17.0160, 16.0437, 18.2014



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.



55.1201, 39.5487, 46.3239



53.6894, 35.1009, 40.1698



52.9576, 41.3655, 26.6685



17.5247, 17.3372, 19.3529



22.1330, 11.2689, 7.4088



2.1002, 1.0638, 0.9509

Inverse Universe

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



55.1201, 39.5487, 46.3239



53.6894, 35.1009, 40.1698



56.8025, 72.3502, 100.5938



17.5247, 17.3372, 19.3529



22.1330, 11.2689, 7.4088



2.1002, 1.0638, 0.9509

Previews

White Background



This preview shows how the XYZ color 55.1190, 39.5467, 46.3231 looks on a white background.

Color Contrast Check

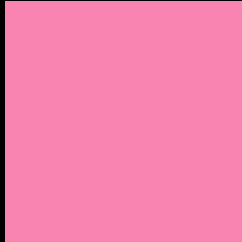
Large Text (above 18pt) WCAG AA × Fail

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 55.1190, 39.5467, 46.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

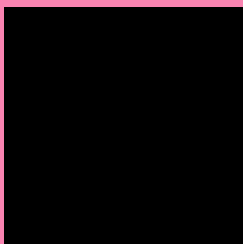
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1190, 39.5467, 46.3231

Background



This preview shows how black text looks on a background with the XYZ color 55.1190, 39.5467, 46.3231.



This preview shows how white text looks on a background with the XYZ color 55.1190, 39.5467,

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

55.1190, 39.5467, 46.3231

Protanopia

39.5322, 39.9619, 60.2734

Deuteranopia

40.3933, 39.6815, 44.0584



Tritanopia

52.2182, 39.5907, 32.4933

Trichromacy



Original Color

55.1190, 39.5467, 46.3231



Protanomaly

43.4839, 38.7178, 55.0506



Deuteranomaly

44.7835, 38.8835, 44.6801



Tritanomaly

53.1933, 39.5707, 37.1821

Monochromacy



Original Color

55.1190, 39.5467, 46.3231



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.5164, 39.4493, 45.3653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1190, 39.5467, 46.3231 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(249, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 131, 177)  
}
```

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(249, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 131, 177) }
```

Border

The CSS property to change the border of an element to XYZ 55.1190, 39.5467, 46.3231 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(249, 131, 177) }
```


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

```
.border{ border-color:rgb(249, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 131, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 131, 177); box-shadow:4px 4px 4px 4px rgb(249, 131, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1190, 39.5467, 46.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 131, 177) }
```

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

```
.background{ background-color: rgb(249,  
131, 177) }
```

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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