

Converting Colors

XYZ(51.8460, 38.6582, 40.2647)

Have a look what the booklet for
XYZ(51.8460, 38.6582, 40.2647)
contains.

XYZ(51.9346, 38.6441, 40.3191)	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(51.9346, 38.6441,
40.3191)**

Conversions

Conversions Part 1

Format	Color
Hex	F286A5
RGB	242, 134, 165
RGB Percent	95%, 53%, 65%
CMY	0.0510, 0.4745, 0.3529
CMYK	0.00, 0.45, 0.32, 0.05
HSL	343°, 81%, 74%
HSV	343°, 45%, 95%
XYZ	51.9346, 38.6441, 40.3191
YIQ	169.8260, 54.4170, 32.5370

Conversions

Conversions Part 2

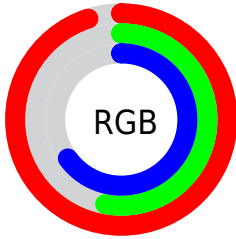
Format	Color
R_{YB}	242, 134, 165
Decimal	15894181
CIE _{Lab}	68.49, 44.57, 2.06
CIE _{LCh}	68, 44.622, 2.643
Yxy	38.6441, 0.3968, 0.2952
Android (android.graphics.Color)	4294084261 (0xFFFF286A5)
YUV	169.8260, -2.3792, 63.2966
Hunter-Lab	62.1644, 40.3384, 5.0603

Details

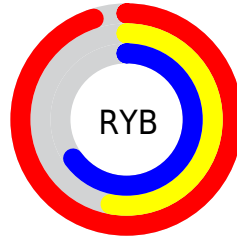
The XYZ color **51.9346, 38.6441, 40.3191** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.3434, 73.2767, 72.9644**, and the grayscale version is **38.1155, 40.1004, 43.6694**.

A 20% lighter version of the original color is **72.3559, 62.8225, 76.0225**, and **25.4515, 17.1444, 17.5905** is the 20% darker color. If you saturate the color by 10%, you get **47.4983, 32.1176, 31.6077**, and if you desaturate by 10%, it is **57.3501, 46.7896, 50.4031**.

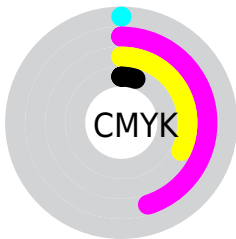
Distribution



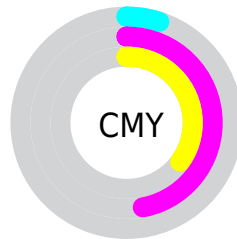
- Red (95%)
- Green (53%)
- Blue (65%)



- Red (95%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9346, 38.6441, 40.3191 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 51.9346, 38.6441, 40.3191 by changing the saturation by 10% instead.

 51.9346, 38.6441,
40.3191

 51.9346, 38.6441,
40.3191


384.5122,
340.3750, 363.0587


 37.1770, 26.4830,
27.4718

 92.2096, 73.0943,
76.8916

 25.5189, 17.1853,
17.6923

 118.4577, 96.1522,
101.4538

 16.5948, 10.3667,
10.5621

 149.2667,
123.6111, 130.7580

 10.0396, 5.6428,
5.6628

185.0019,
155.8554, 165.2229

 5.4877, 2.6291,
2.5757

226.0287,
193.2696, 205.2668

 2.5738, 0.9413,
0.8799

272.7124,

 0.9326, 0.0000,

236.2380, 251.3084

0.0000

325.4185,
285.1450, 303.7662

■ 0.0000, 0.0000,
0.0000

■ 51.9346, 38.6441,
40.3191

■ 51.9346, 38.6441,
40.3191

■ 47.4983, 32.1176,
31.6077

■ 57.3501, 46.7896,
50.4031

■ 43.9768, 27.0952,
24.2046

■ 63.7976, 56.6473,
61.9154

■ 41.3025, 23.4560,
18.0434

■ 71.3295, 68.3102,
74.9110

■ 39.3965, 21.0575,
13.0502

■ 79.9940, 81.8627,
89.4415

■ 38.1634, 19.7259,
9.1413

■ 89.8338, 97.3796,
105.5548

■ 37.7063, 19.3126,
7.4447

■ 90.4280, 97.6173,
108.6837

Harmonies

Analogous

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



50.0732, 38.6441, 62.4635



51.9346, 38.6441, 40.3191



49.3117, 38.6441, 24.4768

Triad

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



51.9346, 38.6441, 40.3191



29.9184, 38.6441, 17.1942



30.8687, 38.6441, 86.6078

Complementary

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



51.9346, 38.6441, 40.3191



53.3434, 73.2767, 72.9644

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.



26.4942, 38.6441, 66.5687



51.9346, 38.6441, 40.3191



25.9966, 38.6441, 26.6923

Square

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



51.9346, 38.6441, 40.3191



36.1111, 38.6441, 14.0654



24.8268, 38.6441, 43.8850



37.3561, 38.6441, 93.7251

Rectangle

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



51.9346, 38.6441, 40.3191



45.5463, 38.6441, 18.2185



24.8268, 38.6441, 43.8850



29.1319, 38.6441, 80.9011

Sweetspot

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



51.9357, 38.6460, 40.3198



81.7967, 79.2130, 86.8496



51.0183, 37.1062, 88.4778



17.0733, 16.2780, 17.8516



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.



51.9357, 38.6460, 40.3198



53.7067, 36.4808, 36.0285



52.7439, 44.2435, 28.3167



15.9593, 15.8334, 17.3420



20.3070, 10.3952, 4.2674



1.7308, 0.8813, 0.5731

Inverse Universe

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



51.9357, 38.6460, 40.3198



53.7067, 36.4808, 36.0285



51.5584, 62.8771, 93.4236



15.9593, 15.8334, 17.3420



20.3070, 10.3952, 4.2674



1.7308, 0.8813, 0.5731

Previews

White Background



This preview shows how the XYZ color 51.9346, 38.6441, 40.3191 looks on a white background.

Color Contrast Check

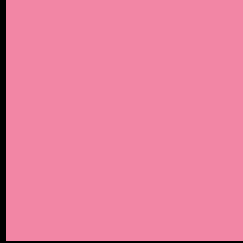
Large Text (above 18pt) WCAG AA × Fail

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 51.9346, 38.6441, 40.3191 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 51.9346, 38.6441, 40.3191

Background



This preview shows how black text looks on a background with the XYZ color 51.9346, 38.6441, 40.3191.



This preview shows how white text looks on a background with the XYZ color 51.9346, 38.6441,

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

51.9346, 38.6441, 40.3191

Protanopia

38.0138, 38.8401, 50.8407

Deuteranopia

39.5152, 38.8178, 38.6676



Tritanopia

50.1473, 38.5232, 32.3964

Trichromacy



Original Color

51.9346, 38.6441, 40.3191



Protanomaly

41.7395, 37.7549, 46.6825



Deuteranomaly

43.2034, 38.1869, 39.2762



Tritanomaly

50.9125, 38.6422, 35.3472

Monochromacy



Original Color

51.9346, 38.6441, 40.3191



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

41.8898, 38.6769, 42.3033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9346, 38.6441, 40.3191 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(242, 134, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 134, 165)  
}
```

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(242, 134, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 134, 165) }
```

Border

The CSS property to change the border of an element to XYZ 51.9346, 38.6441, 40.3191 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(242, 134, 165) }
```


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

```
.border{ border-color:rgb(242, 134, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 134, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 134, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 134, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 134,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9346, 38.6441, 40.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 134, 165) }
```

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

```
.background{ background-color: rgb(242,  
134, 165) }
```

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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