

Converting Colors

XYZ(51.6967, 40.0291, 50.4271)

Have a look what the booklet for
XYZ(51.6967, 40.0291, 50.4271)
contains.

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Color

**XYZ(51.6034, 39.9625,
50.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	E88EB8
RGB	232, 142, 184
RGB Percent	91%, 56%, 72%
CMY	0.0902, 0.4431, 0.2784
CMYK	0.00, 0.39, 0.21, 0.09
HSL	332°, 66%, 73%
HSV	332°, 39%, 91%
XYZ	51.6034, 39.9625, 50.3411
YIQ	173.6980, 40.1580, 32.1420

Conversions

Conversions Part 2

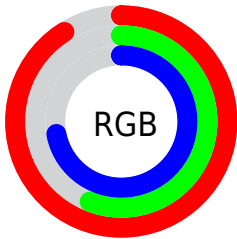
Format	Color
R _Y B	232, 142, 184
Decimal	15240888
CIE Lab	69.44, 39.61, -7.34
CIE LCh	69, 40.282, 349.508
Yxy	39.9625, 0.3636, 0.2816
Android (android.graphics.Color)	4293430968 (0xFFE88EB8)
YUV	173.6980, 5.0789, 51.1309
Hunter-Lab	63.2159, 35.0825, -2.9636

Details

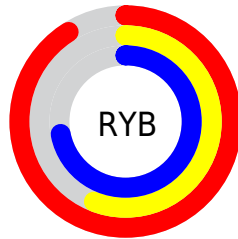
The XYZ color **51.6034, 39.9625, 50.3411** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.3080, 67.1827, 59.0872**, and the grayscale version is **40.0387, 42.1238, 45.8728**.

A 20% lighter version of the original color is **76.9344, 67.4838, 91.4089**, and **25.4321, 18.0650, 23.6192** is the 20% darker color. If you saturate the color by 10%, you get **47.2632, 33.2676, 42.7723**, and if you desaturate by 10%, it is **56.7777, 48.1432, 58.7486**.

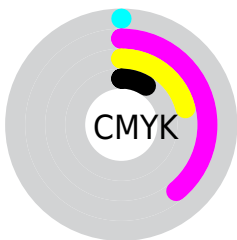
Distribution



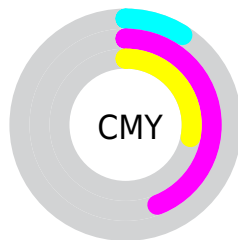
- Red (91%)
- Green (56%)
- Blue (72%)



- Red (91%)
- Yellow (56%)
- Blue (72%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6034, 39.9625, 50.3411 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 51.6034, 39.9625, 50.3411 by changing the saturation by 10% instead.


 51.6034, 39.9625,
50.3411

 51.6034, 39.9625,
50.3411


383.2527,
345.9655, 404.7716

 36.9120, 27.5093,
35.3114


 91.7238, 75.1064,
92.0816

 25.3128, 17.9561,
23.6174

 117.8835, 98.5659,
119.6294

 16.4402, 10.9185,
14.8405

148.5967,
126.4630, 152.1871

 9.9290, 6.0120,
8.5621

184.2288,
159.1820, 190.1731

 5.4138, 2.8524,
4.3638

225.1451,
197.1074, 234.0061

 2.5293, 1.0552,
1.8270

271.7109,

 0.9100, 0.0000,

240.6235, 284.1044

0.4457

324.2917,
290.1147, 340.8867

■ 0.0000, 0.0000,
0.0000

■ 51.6034, 39.9625,
50.3411

■ 51.6034, 39.9625,
50.3411

■ 47.2632, 33.2676,
42.7723

■ 56.7777, 48.1432,
58.7486

■ 43.7058, 27.9619,
36.0097

■ 62.8265, 57.8871,
68.0207

■ 40.8795, 23.9460,
30.0214

■ 69.7915, 69.2732,
78.1851

■ 38.7242, 21.1051,
24.7720

■ 77.7108, 82.3732,
89.2673

■ 37.1693, 19.3033,
20.2217

■ 85.6536, 95.3218,
100.9694

■ 36.1105, 18.3373,
16.3187

■ 87.0888, 95.8959,
108.5274

■ 35.9995, 18.2441,
15.8842

Harmonies

Analogous

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



48.2718, 39.9625, 71.0489



51.6034, 39.9625, 50.3411



50.9839, 39.9625, 32.6479

Triad

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



51.6034, 39.9625, 50.3411



33.9713, 39.9625, 17.7940



30.4514, 39.9625, 76.6940

Complementary

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



51.6034, 39.9625, 50.3411



49.3080, 67.1827, 59.0872

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.



27.4048, 39.9625, 56.5537



51.6034, 39.9625, 50.3411



29.2713, 39.9625, 24.2065

Square

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



51.6034, 39.9625, 50.3411



40.2982, 39.9625, 17.0058



26.9989, 39.9625, 37.3309



35.7585, 39.9625, 88.8921

Rectangle

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



51.6034, 39.9625, 50.3411



48.4334, 39.9625, 24.5254



26.9989, 39.9625, 37.3309



29.1559, 39.9625, 70.4000

Sweetspot

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



51.6046, 39.9644, 50.3419



83.5359, 80.9996, 92.6447



45.4754, 36.1215, 80.9196



17.6341, 16.9345, 19.4724



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.



51.6046, 39.9644, 50.3419



59.3373, 42.3948, 54.3900



48.2881, 39.3616, 30.6460



14.6555, 14.4794, 16.3861



20.0478, 10.1533, 9.1466



1.5280, 0.7689, 0.9211

Inverse Universe

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



51.6046, 39.9644, 50.3419



59.3373, 42.3948, 54.3900



53.7414, 67.6165, 86.5631



14.6555, 14.4794, 16.3861



20.0478, 10.1533, 9.1466



1.5280, 0.7689, 0.9211

Previews

White Background



This preview shows how the XYZ color 51.6034, 39.9625, 50.3411 looks on a white background.

Color Contrast Check

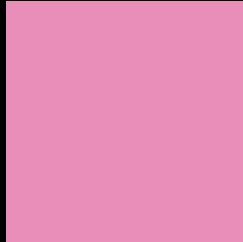
Large Text (above 18pt) WCAG AA × Fail

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 51.6034, 39.9625, 50.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

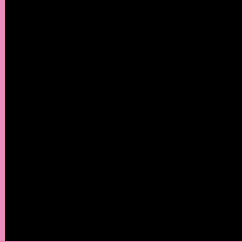
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6034, 39.9625, 50.3411

Background



This preview shows how black text looks on a background with the XYZ color 51.6034, 39.9625, 50.3411.



This preview shows how white text looks on a background with the XYZ color 51.6034, 39.9625,

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

51.6034, 39.9625, 50.3411

Protanopia

40.0404, 40.4855, 60.9625

Deuteranopia

40.9848, 40.1506, 48.7697



Tritanopia

48.9184, 39.9941, 37.4891

Trichromacy



Original Color

51.6034, 39.9625, 50.3411



Protanomaly

43.2347, 39.5552, 56.9860



Deuteranomaly

44.2169, 39.7295, 49.0541



Tritanomaly

49.7336, 39.8638, 41.6325

Monochromacy



Original Color

51.6034, 39.9625, 50.3411



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.4619, 40.6571, 47.6764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6034, 39.9625, 50.3411 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(232, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 142, 184)  
}
```

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(232, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 142, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.6034, 39.9625, 50.3411 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(232, 142, 184) }
```


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

```
.border{ border-color:rgb(232, 142, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 142, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 142, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 142,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6034, 39.9625, 50.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 142, 184) }
```

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

```
.background{ background-color: rgb(232,  
142, 184) }
```

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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