

Converting Colors

XYZ(50.8387, 39.7172, 57.9934)

Have a look what the booklet for
XYZ(50.8387, 39.7172, 57.9934)
contains.

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Color

**XYZ(50.6410, 39.5234,
57.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	E08FC5
RGB	224, 143, 197
RGB Percent	88%, 56%, 77%
CMY	0.1216, 0.4392, 0.2274
CMYK	0.00, 0.36, 0.12, 0.12
HSL	320°, 57%, 72%
HSV	320°, 36%, 88%
XYZ	50.6410, 39.5234, 57.7830
YIQ	173.3750, 30.9420, 33.9660

Conversions

Conversions Part 2

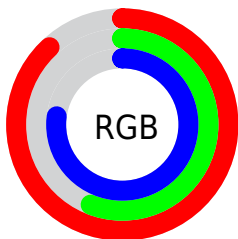
Format	Color
RYB	224, 143, 197
Decimal	14716869
CIELab	69.13, 38.41, -15.15
CIElCh	69, 41.290, 338.475
Yxy	39.5234, 0.3423, 0.2671
Android (android.graphics.Color)	4292906949 (0xFFE08FC5)
YUV	173.3750, 11.6471, 44.3981
Hunter-Lab	62.8676, 33.7666, -10.4874

Details

The XYZ color **50.6410, 39.5234, 57.7830** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.2408, 62.0545, 47.6262**, and the grayscale version is **39.8442, 41.9192, 45.6500**.

A 20% lighter version of the original color is **79.3235, 68.8039, 102.8656**, and **24.6354, 17.6808, 28.1009** is the 20% darker color. If you saturate the color by 10%, you get **46.7737, 33.1238, 52.3767**, and if you desaturate by 10%, it is **55.2245, 47.2863, 63.6380**.

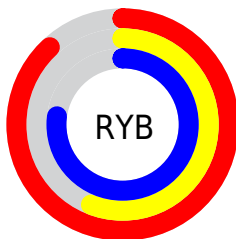
Distribution



Red (88%)

Green (56%)

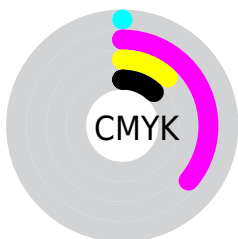
Blue (77%)



Red (88%)

Yellow (56%)

Blue (77%)

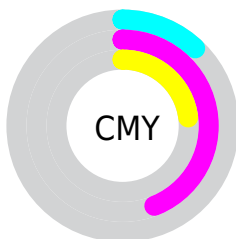


Cyan (0%)

Magenta (36%)

Yellow (12%)

Black (12%)



Cyan (12%)


Magenta (44%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6410, 39.5234, 57.7830 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 50.6410, 39.5234, 57.7830 by changing the saturation by 10% instead.


 50.6410, 39.5234,
57.7830


 50.6410, 39.5234,
57.7830


379.5781,
344.1107, 433.9525

 36.1429, 27.1671,
41.2207

 90.3100, 74.4372,
103.1184

 24.7152, 17.6988,
28.1706

 116.2117, 97.7636,
132.7286

 15.9926, 10.7340,
18.2141


146.6451,
125.5154, 167.5252

 9.6097, 5.8882,
10.9328

181.9759,
158.0771, 207.9267

 5.2012, 2.7772,
5.9081

222.5691,
195.8331, 254.3516

 2.4018, 1.0166,
2.7214

268.7904,

 0.8460, 0.0000,

239.1678, 307.2185

0.9542

321.0049,
288.4655, 366.9460

■ 0.0000, 0.0000,
0.0000

■ 50.6410, 39.5234,
57.7830

■ 50.6410, 39.5234,
57.7830

■ 46.7737, 33.1238,
52.3767

■ 55.2245, 47.2863,
63.6380

■ 43.5781, 28.0014,
47.4000

■ 60.5580, 56.4810,
69.9546

■ 41.0104, 24.0689,
42.8357


■ 66.6774, 67.1779,
76.7482


■ 39.0197, 21.2256,
38.6637


■ 73.6153, 79.4411,
84.0323


■ 37.5468, 19.3540,
34.8610


■ 81.4005, 93.3274,
91.8194

 36.5179, 18.3077,
31.3998

 82.4984, 93.7665,
97.6006

 36.1920, 18.0279,
30.1441

 83.6420, 94.2239,
103.6229

 84.5508, 94.5875,
108.4086

Harmonies

Analogous

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



46.0212, 39.5234, 78.1900



50.6410, 39.5234, 57.7830



51.5568, 39.5234, 37.9006

Triad

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



50.6410, 39.5234, 57.7830



35.7277, 39.5234, 16.1799



28.4865, 39.5234, 69.8169

Complementary

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



50.6410, 39.5234, 57.7830



45.2408, 62.0545, 47.6262

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.



26.3669, 39.5234, 48.6118



50.6410, 39.5234, 57.7830



30.2152, 39.5234, 20.4031

Square

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



50.6410, 39.5234, 57.7830



42.4136, 39.5234, 17.3186



26.9605, 39.5234, 31.0365



33.1022, 39.5234, 86.4337

Rectangle

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



50.6410, 39.5234, 57.7830



49.8523, 39.5234, 27.9369



26.9605, 39.5234, 31.0365



27.4846, 39.5234, 62.7766

Sweetspot

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



50.6422, 39.5252, 57.7838



85.2762, 82.8031, 98.3950



39.8563, 33.5748, 74.9017



18.0146, 17.3075, 20.7953



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.



50.6422, 39.5252, 57.7838



64.1325, 46.7034, 72.2718



46.6076, 37.9114, 36.5381



14.0906, 13.8539, 16.2474



21.1215, 10.5156, 17.8376



1.5051, 0.7453, 1.4524

Inverse Universe

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



50.6422, 39.5252, 57.7838



64.1325, 46.7034, 72.2718



49.6800, 63.8302, 71.0031



14.0906, 13.8539, 16.2474



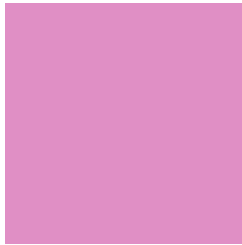
21.1215, 10.5156, 17.8376



1.5051, 0.7453, 1.4524

Previews

White Background



This preview shows how the XYZ color 50.6410, 39.5234, 57.7830 looks on a white background.

Color Contrast Check

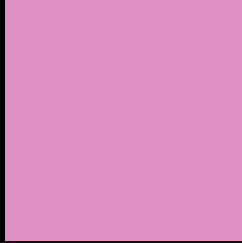
Large Text (above 18pt) WCAG AA × Fail

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 50.6410, 39.5234, 57.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

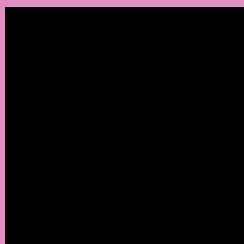
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6410, 39.5234, 57.7830

Background



This preview shows how black text looks on a background with the XYZ color 50.6410, 39.5234, 57.7830.



This preview shows how white text looks on a background with the XYZ color 50.6410, 39.5234,

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

50.6410, 39.5234, 57.7830

Protanopia

40.0569, 39.7616, 69.1819

Deuteranopia

40.5363, 39.7592, 55.9899



Tritanopia

46.8546, 39.6015, 38.8926

Trichromacy



Original Color

50.6410, 39.5234, 57.7830



Protanomaly

42.9034, 38.9529, 64.9319



Deuteranomaly

43.5328, 39.2155, 56.3138



Tritanomaly

47.8925, 39.2956, 45.1050

Monochromacy



Original Color

50.6410, 39.5234, 57.7830



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.1021, 40.4245, 49.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6410, 39.5234, 57.7830 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(224, 143, 197)` looks like.

```
.text, #text, p{  
    color:rgb(224, 143, 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(224, 143, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 143, 197) }
```

Border

The CSS property to change the border of an element to XYZ 50.6410, 39.5234, 57.7830 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(224, 143, 197) }
```


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

```
.border{ border-color:rgb(224, 143, 197) }
```

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

Here you see how a box with a 4 pixel rgb(224, 143, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 143, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 143, 197);  
box-shadow:4px 4px 4px 4px rgb(224, 143,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6410, 39.5234, 57.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 143, 197) }
```

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

```
.background{ background-color: rgb(224,  
143, 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](#).

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