

Converting Colors

XYZ(39.1931, 33.0033, 53.9605)

Have a look what the booklet for
XYZ(39.1931, 33.0033, 53.9605)
contains.

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Color

**XYZ(39.1422, 33.0010,
54.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8CC0
RGB	186, 140, 192
RGB Percent	73%, 55%, 75%
CMY	0.2706, 0.4510, 0.2471
CMYK	0.03, 0.27, 0.00, 0.25
HSL	293°, 29%, 65%
HSV	293°, 27%, 75%
XYZ	39.1422, 33.0010, 54.1760
YIQ	159.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

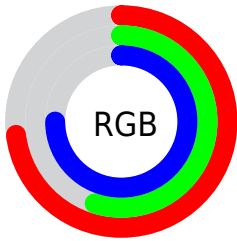
Format	Color
RYB	186, 140, 192
Decimal	12225728
CIELab	64.16, 26.47, -20.27
CIELCh	64, 33.342, 322.556
Yxy	33.0010, 0.3099, 0.2613
Android (android.graphics.Color)	4290415808 (0xFFBA8CC0)
YUV	159.6820, 15.9328, 23.0809
Hunter-Lab	57.4465, 21.0928, -15.7020

Details

The XYZ color **39.1422, 33.0010, 54.1760** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.4384, 45.7045, 31.7665**, and the grayscale version is **33.1937, 34.9224, 38.0305**.

A 20% lighter version of the original color is **73.3528, 64.4778, 98.2019**, and **17.6755, 13.8853, 25.7933** is the 20% darker color. If you saturate the color by 10%, you get **36.0440, 27.5969, 53.2967**, and if you desaturate by 10%, it is **42.7403, 39.3913, 55.2203**.

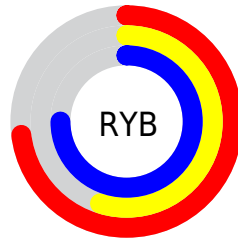
Distribution



Red (73%)

Green (55%)

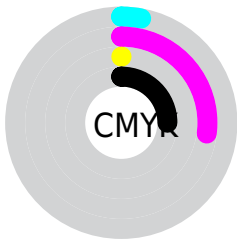
Blue (75%)



Red (73%)

Yellow (55%)

Blue (75%)

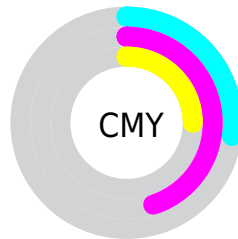


Cyan (3%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (45%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1422, 33.0010, 54.1760 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 39.1422, 33.0010, 54.1760 by changing the saturation by 10% instead.


 39.1422, 33.0010,
54.1760


 39.1422, 33.0010,
54.1760

333.6914,
315.6542, 419.9744


 27.0516, 22.1272,
38.3483


 73.1482, 64.3771,
97.7916

 17.7488, 13.9504,
25.9492


 95.7943, 85.6482,
126.4166

 10.8684, 8.0862,
16.5602


 122.6895,
111.1538, 160.1443

 6.0450, 4.1501,
9.7628

154.1994,
141.2784, 199.3935

 2.9134, 1.7579,
5.1384

190.6891,
176.4064, 244.5825

 1.1081, 0.4607,
2.2685

232.5242,

 0.0319, 0.0000,

216.9221, 296.1300

0.7135

280.0698,
263.2099, 354.4544

■ 0.0000, 0.0000,
0.0000

■ 39.1422, 33.0010,
54.1760

■ 39.1422, 33.0010,
54.1760

■ 36.0440, 27.5969,
53.2967

■ 42.7403, 39.3913,
55.2203

■ 33.4172, 23.1238,
52.5717

■ 46.8588, 46.8106,
56.4353

■ 31.2350, 19.5276,
51.9926

■ 51.5208, 55.3045,
57.8291

■ 29.4667, 16.7470,
51.5491

■ 56.7472, 64.9145,
59.4085

■ 28.0777, 14.7127,
51.2297

■ 62.5577, 75.6801,
61.1803

■ 27.0274, 13.3438,
51.0208

■ 68.9056, 87.5081,
63.1287

■ 26.2599, 12.5287,
50.9039

■ 69.4989, 87.8139,
63.1565

■ 26.0592, 12.3349,
50.8771

■ 70.1008, 88.1242,
63.1847

■ 70.7113, 88.4389,
63.2132

Harmonies

Analogous

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



34.9800, 33.0010, 65.6967



39.1422, 33.0010, 54.1760



41.2593, 33.0010, 39.4082

Triad

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



39.1422, 33.0010, 54.1760



32.5577, 33.0010, 15.8227



23.7058, 33.0010, 46.8592

Complementary

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



39.1422, 33.0010, 54.1760



35.4384, 45.7045, 31.7665

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.



23.1967, 33.0010, 32.6674



39.1422, 33.0010, 54.1760



28.0107, 33.0010, 16.8695

Square

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



39.1422, 33.0010, 54.1760



37.2175, 33.0010, 18.9877



24.6954, 33.0010, 22.3271



26.1633, 33.0010, 60.7865

Rectangle

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



39.1422, 33.0010, 54.1760



41.0907, 33.0010, 30.5705



24.6954, 33.0010, 22.3271



23.3119, 33.0010, 41.8874

Sweetspot

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



39.1432, 33.0024, 54.1767



84.0782, 83.3205, 102.0114



30.6201, 29.9611, 54.0389



17.7843, 17.4169, 21.8098



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1432, 33.0024, 54.1767



67.7658, 54.2631, 97.2625



38.5701, 32.9451, 43.3905



10.3792, 10.1866, 12.7040



17.5771, 8.3218, 34.2365



0.7926, 0.3766, 1.4808

Inverse Universe

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



36.3057, 32.0393, 31.4662



61.9033, 52.2906, 49.5625



36.0053, 45.8113, 40.1732



10.1194, 10.0964, 10.7194



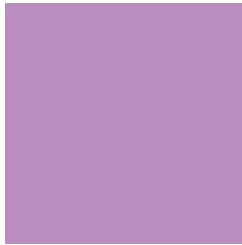
14.7411, 7.5862, 1.2829



0.6530, 0.3342, 0.1399

Previews

White Background



This preview shows how the XYZ color 39.1422, 33.0010, 54.1760 looks on a white background.

Color Contrast Check

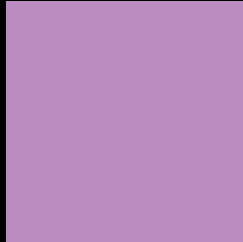
Large Text (above 18pt) WCAG AA × Fail

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 39.1422, 33.0010, 54.1760 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 39.1422, 33.0010, 54.1760

Background



This preview shows how black text looks on a background with the XYZ color 39.1422, 33.0010, 54.1760.



This preview shows how white text looks on a background with the XYZ color 39.1422, 33.0010,

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

39.1422, 33.0010, 54.1760

Protanopia

33.5440, 33.2151, 60.5203

Deuteranopia

33.8489, 33.0442, 53.3093



Tritanopia

35.5065, 32.8501, 36.8171

Trichromacy



Original Color

39.1422, 33.0010, 54.1760

Protanomaly

35.2386, 32.9430, 57.9274

Deuteranomaly

35.7198, 33.0484, 53.7866

Tritanomaly

36.7574, 32.9161, 42.4463

Monochromacy



Original Color

39.1422, 33.0010, 54.1760

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.1998, 34.1960, 43.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1422, 33.0010, 54.1760 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(186, 140, 192)` looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 192)  
}
```

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(186, 140, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.1422, 33.0010, 54.1760 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(186, 140, 192) }
```


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

```
.border{ border-color:rgb(186, 140, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 140, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 192);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1422, 33.0010, 54.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 140, 192) }
```

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

```
.background{ background-color: rgb(186,  
140, 192) }
```

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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