

Converting Colors

XYZ(39.8303, 39.1360, 55.8910)

Have a look what the booklet for
XYZ(39.8303, 39.1360, 55.8910)
contains.

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Color

**XYZ(39.9144, 39.1718,
55.9093)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA4C1
RGB	172, 164, 193
RGB Percent	67%, 64%, 76%
CMY	0.3255, 0.3568, 0.2431
CMYK	0.11, 0.15, 0.00, 0.24
HSL	257°, 19%, 70%
HSV	257°, 15%, 76%
XYZ	39.9144, 39.1718, 55.9093
YIQ	169.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

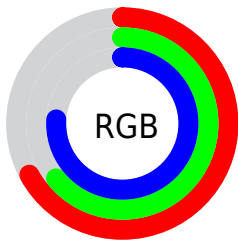
Format	Color
R_{YB}	172, 164, 193
Decimal	11314369
CIE Lab	68.88, 8.58, -13.82
CIE LCh	69, 16.266, 301.852
Yxy	39.1718, 0.2957, 0.2902
Android (android.graphics.Color)	4289504449 (0xFFACA4C1)
YUV	169.6980, 11.4879, 2.0189
Hunter-Lab	62.5874, 4.3085, -9.1526

Details

The XYZ color **39.9144, 39.1718, 55.9093** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7796, 51.1355, 42.5810**, and the grayscale version is **38.0055, 39.9847, 43.5433**.

A 20% lighter version of the original color is **74.1090, 73.8335, 99.9679**, and **18.2001, 17.4455, 26.8342** is the 20% darker color. If you saturate the color by 10%, you get **33.8115, 31.2823, 54.7087**, and if you desaturate by 10%, it is **46.8665, 48.2792, 57.3014**.

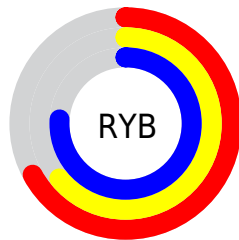
Distribution



Red (67%)

Green (64%)

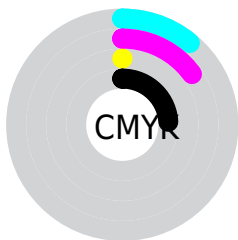
Blue (76%)



Red (67%)

Yellow (64%)

Blue (76%)

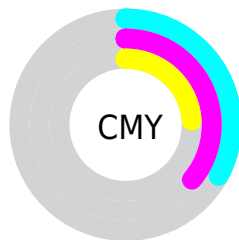


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (33%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9144, 39.1718, 55.9093 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 39.9144, 39.1718, 55.9093 by changing the saturation by 10% instead.

■ 39.9144, 39.1718,
55.9093

■ 39.9144, 39.1718,
55.9093

336.9033,
342.6204, 426.7283

■ 27.6557, 26.8934,
39.7267

■ 74.3183, 73.9007,
100.3564

■ 18.2054, 17.4932,
27.0134

■ 97.1943, 97.1200,
129.4580

■ 11.1982, 10.5867,
17.3507

124.3400,
124.7550, 163.7030

■ 6.2686, 5.7897,
10.3203

156.1209,
157.1902, 203.5100

■ 3.0513, 2.7176,
5.5034

192.9024,
194.8100, 249.2975

■ 1.1809, 0.9862,
2.4817

235.0496,

■ 0.0912, 0.0000,

237.9986, 301.4840

0.8304

282.9282,
287.1406, 360.4881

■ 0.0000, 0.0000,
0.0000

■ 39.9144, 39.1718,
55.9093

■ 39.9144, 39.1718,
55.9093

■ 33.8115, 31.2823,
54.7087

■ 46.8665, 48.2792,
57.3014

■ 28.5207, 24.5536,
53.6888

■ 54.6957, 58.6485,
58.8902

■ 24.0075, 18.9312,
52.8415

■ 63.4332, 70.3278,
60.6840

■ 20.2332, 14.3544,
52.1570

■ 73.1074, 83.3608,
62.6898

■ 17.1560, 10.7564,
51.6247

■ 81.9642, 94.2272,
64.3204

■ 14.7290, 8.0625,
51.2326

■ 86.6258, 96.6303,
64.5386

■ 12.8996, 6.1867,
50.9670

■ 11.6049, 5.0253,
50.8111

■ 11.1064, 4.6136,
50.7579

Harmonies

Analogous

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



37.3923, 39.1718, 58.5048



39.9144, 39.1718, 55.9093



41.7844, 39.1718, 49.7192

Triad

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



39.9144, 39.1718, 55.9093



39.6240, 39.1718, 31.2996



32.4853, 39.1718, 43.1126

Complementary

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



39.9144, 39.1718, 55.9093



45.7796, 51.1355, 42.5810

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.



33.0221, 39.1718, 36.2873



39.9144, 39.1718, 55.9093



37.0714, 39.1718, 29.9567

Square

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



39.9144, 39.1718, 55.9093



41.6114, 39.1718, 35.5773



34.6718, 39.1718, 31.6750



33.1705, 39.1718, 50.6061

Rectangle

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



39.9144, 39.1718, 55.9093



42.3673, 39.1718, 44.6993



34.6718, 39.1718, 31.6750



32.5287, 39.1718, 40.6671

Sweetspot

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



39.9156, 39.1734, 55.9102



83.8662, 86.3737, 102.6119



42.3416, 46.5536, 57.2068



17.7921, 18.2667, 21.9734



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.



39.9156, 39.1734, 55.9102



67.7634, 65.3209, 99.3970



43.2087, 40.8711, 56.0643



9.7833, 9.8794, 12.6761



7.4543, 3.1033, 33.7627



0.3911, 0.1697, 1.4620

Inverse Universe

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



44.0260, 41.3928, 51.5697



76.5584, 70.0722, 89.9889



42.5159, 49.4530, 42.4283



10.3749, 10.1986, 12.0649



17.7996, 8.8096, 17.3886



0.7969, 0.3918, 0.8981

Previews

White Background



This preview shows how the XYZ color 39.9144, 39.1718, 55.9093 looks on a white background.

Color Contrast Check

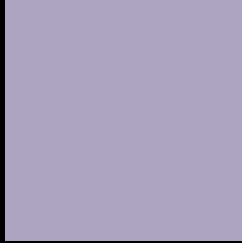
Large Text (above 18pt) WCAG AA × Fail

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 39.9144, 39.1718, 55.9093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

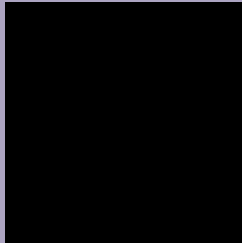
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9144, 39.1718, 55.9093

Background



This preview shows how black text looks on a background with the XYZ color 39.9144, 39.1718, 55.9093.



This preview shows how white text looks on a background with the XYZ color 39.9144, 39.1718,

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

39.9144, 39.1718, 55.9093

Protanopia

38.7733, 39.3641, 57.1842

Deuteranopia

39.9144, 39.1718, 55.9093



Tritanopia

38.3505, 39.0732, 48.1684

Trichromacy



Original Color

39.9144, 39.1718, 55.9093

Protanomaly

39.0997, 39.2745, 56.5589

Deuteranomaly

39.9144, 39.1718, 55.9093

Tritanomaly

38.9014, 39.0289, 50.8304

Monochromacy



Original Color

39.9144, 39.1718, 55.9093

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8331, 39.8775, 47.7699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9144, 39.1718, 55.9093 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(172, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(172, 164, 193)  
}
```

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(172, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 164, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.9144, 39.1718, 55.9093 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(172, 164, 193) }
```


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

```
.border{ border-color:rgb(172, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(172, 164,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9144, 39.1718, 55.9093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 164, 193) }
```

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

```
.background{ background-color: rgb(172,  
164, 193) }
```

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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