

Converting Colors

XYZ(39.6233, 39.5039, 55.6526)

Have a look what the booklet for
XYZ(39.6233, 39.5039, 55.6526)
contains.

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Color

**XYZ(39.5128, 39.5132,
55.4134)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A6C0
RGB	169, 166, 192
RGB Percent	66%, 65%, 75%
CMY	0.3372, 0.3490, 0.2471
CMYK	0.12, 0.14, 0.00, 0.25
HSL	247°, 17%, 70%
HSV	247°, 14%, 75%
XYZ	39.5128, 39.5132, 55.4134
YIQ	169.8610, -6.5580, 8.7220

Conversions

Conversions Part 2

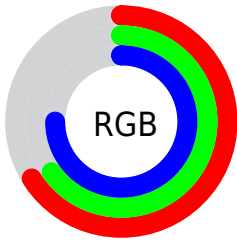
Format	Color
R_{YB}	169, 166, 192
Decimal	11118272
CIE Lab	69.12, 6.26, -12.92
CIE LCh	69, 14.357, 295.870
Yxy	39.5132, 0.2939, 0.2939
Android (android.graphics.Color)	4289308352 (0xFFA9A6C0)
YUV	169.8610, 10.9145, -0.7551
Hunter-Lab	62.8595, 2.1989, -8.2650

Details

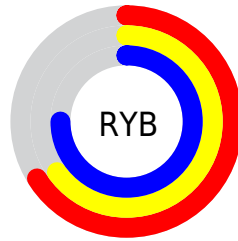
The XYZ color **39.5128, 39.5132, 55.4134** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.7202, 51.2723, 43.5124**, and the grayscale version is **38.0899, 40.0736, 43.6401**.

A 20% lighter version of the original color is **73.5402, 74.3375, 99.2795**, and **18.0136, 17.6806, 26.8894** is the 20% darker color. If you saturate the color by 10%, you get **32.8696, 31.2892, 54.1768**, and if you desaturate by 10%, it is **47.1529, 49.0267, 56.8476**.

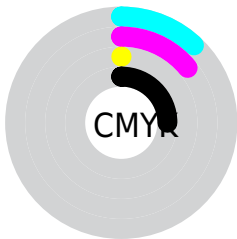
Distribution



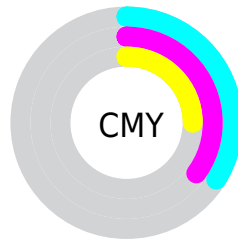
- Red (66%)
- Green (65%)
- Blue (75%)



- Red (66%)
- Yellow (65%)
- Blue (75%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5128, 39.5132, 55.4134 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 39.5128, 39.5132, 55.4134 by changing the saturation by 10% instead.

■ 39.5128, 39.5132,
55.4134

■ 39.5128, 39.5132,
55.4134

335.2355,
344.0675, 424.8031

■ 27.3414, 27.1592,
39.3320

■ 73.7101, 74.4217,
99.6236

■ 17.9677, 17.6928,
26.7083

■ 96.4667, 97.7449,
128.5895

■ 11.0264, 10.7297,
17.1237

123.4825,
125.4934, 162.6872

■ 6.1520, 5.8854,
10.1599

155.1227,
158.0514, 202.3354

■ 2.9793, 2.7755,
5.3981

191.7528,
195.8035, 247.9525

■ 1.1428, 1.0157,
2.4199

233.7381,

■ 0.0605, 0.0000,

239.1339, 299.9571

0.7972

281.4438,
288.4271, 358.7678

■ 0.0000, 0.0000,
0.0000

■ 39.5128, 39.5132,
55.4134

■ 39.5128, 39.5132,
55.4134

■ 32.8696, 31.2892,
54.1768

■ 47.1529, 49.0267,
56.8476

■ 27.1785, 24.2943,
53.1266

■ 55.8251, 59.8767,
58.4848

■ 22.3969, 18.4708,
52.2545

■ 65.5670, 72.1140,
60.3334

■ 18.4771, 13.7545,
51.5508

■ 76.4136, 85.7852,
62.4005

■ 15.3674, 10.0747,
51.0044

■ 86.1228, 96.3839,
63.9345

■ 13.0104, 7.3526,
50.6032

■ 86.5145, 96.5858,
63.9529

■ 11.3407, 5.4982,
50.3333

■ 10.2818, 4.4038,
50.1779

■ 9.8485, 3.9780,
50.1185

Harmonies

Analogous

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



37.2395, 39.5132, 56.8853



39.5128, 39.5132, 55.4134



41.3250, 39.5132, 50.5033

Triad

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



39.5128, 39.5132, 55.4134



40.0844, 39.5132, 33.3951



33.3282, 39.5132, 42.1202

Complementary

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



39.5128, 39.5132, 55.4134



46.7202, 51.2723, 43.5124

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.



34.0237, 39.5132, 36.3207



39.5128, 39.5132, 55.4134



37.8745, 39.5132, 31.6185

Square

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



39.5128, 39.5132, 55.4134



41.6643, 39.5132, 37.7458



35.6651, 39.5132, 32.6329



33.7272, 39.5132, 48.7709

Rectangle

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



39.5128, 39.5132, 55.4134



41.9957, 39.5132, 46.1797



35.6651, 39.5132, 32.6329



33.4410, 39.5132, 40.0138

Sweetspot

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



39.5140, 39.5149, 55.4143



84.6664, 87.8703, 102.8585



43.5253, 48.4813, 56.9336



17.9259, 18.5543, 22.0218



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.



39.5140, 39.5149, 55.4143



68.1510, 67.3231, 99.7630



42.3490, 40.9764, 55.5470



9.6338, 9.8024, 12.6691



6.6616, 2.6946, 33.7256



0.3245, 0.1353, 1.4589

Inverse Universe

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



44.5611, 42.1547, 53.9340



78.9400, 72.9675, 96.5416



43.7288, 49.7302, 43.3724



10.4457, 10.2269, 12.4374



19.5194, 9.4975, 26.4449



0.8579, 0.4162, 1.2189

Previews

White Background



This preview shows how the XYZ color 39.5128, 39.5132, 55.4134 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 39.5128, 39.5132, 55.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

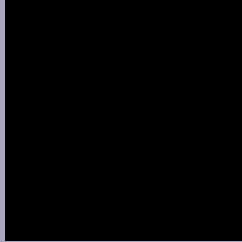
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5128, 39.5132, 55.4134

Background



This preview shows how black text looks on a background with the XYZ color 39.5128, 39.5132, 55.4134.



This preview shows how white text looks on a background with the XYZ color 39.5128, 39.5132,

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

39.5128, 39.5132, 55.4134

Protanopia

38.7542, 39.3802, 56.0106

Deuteranopia

40.2454, 39.3554, 55.3444



Tritanopia

38.2795, 39.5569, 49.3338

Trichromacy



Original Color

39.5128, 39.5132, 55.4134

Protanomaly

39.1702, 39.5947, 56.0301

Deuteranomaly

39.9828, 39.4867, 55.3835

Tritanomaly

38.7241, 39.4650, 51.4755

Monochromacy



Original Color

39.5128, 39.5132, 55.4134

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8014, 40.1363, 47.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5128, 39.5132, 55.4134 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(169, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 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(169, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.5128, 39.5132, 55.4134 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(169, 166, 192) }
```


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

```
.border{ border-color:rgb(169, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5128, 39.5132, 55.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 192) }
```

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

```
.background{ background-color: rgb(169,  
166, 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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