

Converting Colors

XYZ(39.3601, 39.3346, 50.6461)

Have a look what the booklet for
XYZ(39.3601, 39.3346, 50.6461)
contains.

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Color

**XYZ(39.3404, 39.2552,
50.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA5B8
RGB	173, 165, 184
RGB Percent	68%, 65%, 72%
CMY	0.3216, 0.3529, 0.2784
CMYK	0.06, 0.10, 0.00, 0.28
HSL	265°, 12%, 68%
HSV	265°, 10%, 72%
XYZ	39.3404, 39.2552, 50.8509
YIQ	169.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

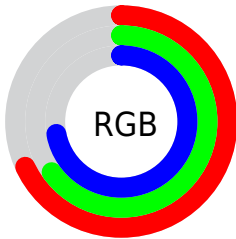
Format	Color
R _Y B	173, 165, 184
Decimal	11380152
CIE Lab	68.94, 6.52, -8.73
CIE LCh	69, 10.896, 306.760
Yxy	39.2552, 0.3039, 0.3033
Android (android.graphics.Color)	4289570232 (0xFFADA5B8)
YUV	169.5580, 7.1199, 3.0186
Hunter-Lab	62.6540, 2.4356, -4.2629

Details

The XYZ color **39.3404, 39.2552, 50.8509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8380, 46.2287, 42.3172**, and the grayscale version is **37.9558, 39.9325, 43.4864**.

A 20% lighter version of the original color is **73.3163, 73.9717, 92.8518**, and **17.8870, 17.5139, 23.9105** is the 20% darker color. If you saturate the color by 10%, you get **33.9950, 31.9230, 49.7180**, and if you desaturate by 10%, it is **45.3535, 47.6426, 52.1535**.

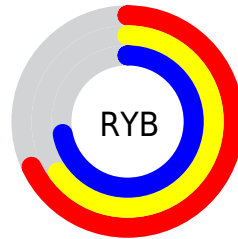
Distribution



Red (68%)

Green (65%)

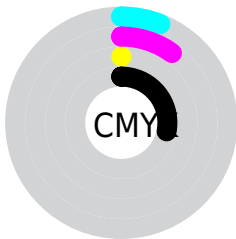
Blue (72%)



Red (68%)

Yellow (65%)

Blue (72%)

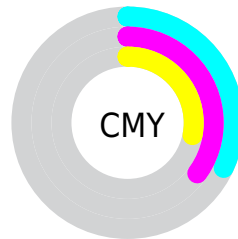


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3404, 39.2552, 50.8509 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 39.3404, 39.2552, 50.8509 by changing the saturation by 10% instead.

■ 39.3404, 39.2552,
50.8509

■ 39.3404, 39.2552,
50.8509

334.5179,
342.9743, 406.8142

■ 27.2066, 26.9583,
35.7141

■ 73.4488, 74.0280,
92.8436

■ 17.8658, 17.5419,
23.9255

■ 96.1541, 97.2727,
120.5365

■ 10.9528, 10.6216,
15.0667

123.1138,
124.9355, 153.2519

■ 6.1022, 5.8130,
8.7190

154.6935,
157.4008, 191.4082

■ 2.9485, 2.7317,
4.4641

191.2583,
195.0529, 235.4241

■ 1.1266, 0.9933,
1.8832

233.1738,

■ 0.0472, 0.0000,

238.2762, 285.7180

0.4820

280.8052,
287.4552, 342.7085

■ 0.0000, 0.0000,
0.0000

■ 39.3404, 39.2552,
50.8509

■ 39.3404, 39.2552,
50.8509

■ 33.9950, 31.9230,
49.7180

■ 45.3535, 47.6426,
52.1535

■ 29.2891, 25.5981,
48.7452

■ 52.0542, 57.1204,
53.6297

■ 25.1977, 20.2364,
47.9259

■ 59.4656, 67.7285,
55.2867

■ 21.6925, 15.7884,
47.2521

■ 67.6089, 79.5033,
57.1303

■ 18.7429, 12.2001,
46.7149

■ 75.8614, 91.1936,
58.9518

■ 16.3152, 9.4116,
46.3047

■ 79.3124, 92.9727,
59.1133

■ 14.3715, 7.3550,
46.0101

■ 82.9749, 94.8607,
59.2847

■ 12.8675, 5.9504,
45.8183

■ 85.6518, 96.2407,
59.4099

■ 11.7495, 5.0576,
45.7049

Harmonies

Analogous

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



37.7044, 39.2552, 52.9345



39.3404, 39.2552, 50.8509



40.4566, 39.2552, 46.6187

Triad

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



39.3404, 39.2552, 50.8509



38.6410, 39.2552, 34.5610



34.0994, 39.2552, 43.8752

Complementary

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



39.3404, 39.2552, 50.8509



41.8380, 46.2287, 42.3172

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.



34.3327, 39.2552, 39.0869



39.3404, 39.2552, 50.8509



36.9201, 39.2552, 33.9502

Square

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



39.3404, 39.2552, 50.8509



40.0441, 39.2552, 37.2827



35.3524, 39.2552, 35.5449



34.7050, 39.2552, 48.7103

Rectangle

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



39.3404, 39.2552, 50.8509



40.7369, 39.2552, 43.2838



35.3524, 39.2552, 35.5449



34.0826, 39.2552, 42.2052

Sweetspot

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



39.3416, 39.2569, 50.8518



79.1220, 82.0272, 93.8673



39.7119, 42.5448, 51.4669



16.8643, 17.4137, 20.1939



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.3416, 39.2569, 50.8518



69.4072, 68.5253, 91.7732



41.4980, 40.3685, 50.9527



8.8698, 8.8992, 11.3297



8.1747, 3.5254, 31.5027



0.3592, 0.1609, 1.1139

Inverse Universe

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



41.0601, 40.2370, 46.6788



73.0587, 70.6083, 82.8798



39.7819, 45.1688, 42.2210



9.2167, 9.0971, 10.4887



15.4718, 7.7625, 10.3710



0.5756, 0.2857, 0.5246

Previews

White Background



This preview shows how the XYZ color 39.3404, 39.2552, 50.8509 looks on a white background.

Color Contrast Check

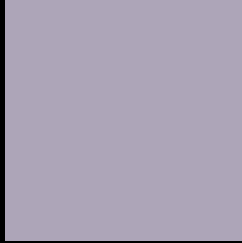
Large Text (above 18pt) WCAG AA × Fail

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 39.3404, 39.2552, 50.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

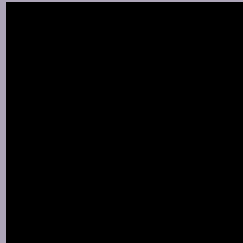
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3404, 39.2552, 50.8509

Background



This preview shows how black text looks on a background with the XYZ color 39.3404, 39.2552, 50.8509.



This preview shows how white text looks on a background with the XYZ color 39.3404, 39.2552,

50.8509.

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

39.3404, 39.2552, 50.8509

Protanopia

38.3016, 39.2472, 51.4557

Deuteranopia

40.0587, 39.3587, 50.8331



Tritanopia

38.7862, 39.2978, 48.1888

Trichromacy



Original Color

39.3404, 39.2552, 50.8509

Protanomaly

38.7554, 39.2102, 51.4246

Deuteranomaly

39.8317, 39.2417, 50.8225

Tritanomaly

38.9900, 39.3793, 49.2620

Monochromacy



Original Color

39.3404, 39.2552, 50.8509

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5351, 39.7583, 46.2005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3404, 39.2552, 50.8509 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(173, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 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(173, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.3404, 39.2552, 50.8509 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(173, 165, 184) }
```


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

```
.border{ border-color:rgb(173, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3404, 39.2552, 50.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 184) }
```

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

```
.background{ background-color: rgb(173,  
165, 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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