

Converting Colors

XYZ(39.2617, 40.4863, 50.8732)

Have a look what the booklet for
XYZ(39.2617, 40.4863, 50.8732)
contains.

XYZ(39.3886, 40.6452, 51.1167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3886, 40.6452,
51.1167)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AAB8
RGB	169, 170, 184
RGB Percent	66%, 67%, 72%
CMY	0.3373, 0.3333, 0.2784
CMYK	0.08, 0.08, 0.00, 0.28
HSL	236°, 10%, 69%
HSV	236°, 8%, 72%
XYZ	39.3886, 40.6452, 51.1167
YIQ	171.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

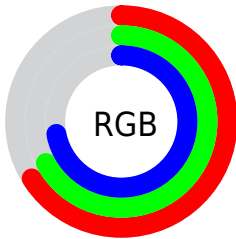
Format	Color
R _Y B	169, 170, 184
Decimal	11119288
CIE Lab	69.93, 2.40, -7.29
CIE LCh	70, 7.677, 288.235
Yxy	40.6452, 0.3003, 0.3099
Android (android.graphics.Color)	4289309368 (0xFFA9AAB8)
YUV	171.2970, 6.2626, -2.0145
Hunter-Lab	63.7536, -1.2869, -2.9103

Details

The XYZ color **39.3886, 40.6452, 51.1167** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8621, 46.9213, 44.2816**, and the grayscale version is **38.8303, 40.8525, 44.4883**.

A 20% lighter version of the original color is **73.3939, 75.9890, 93.2371**, and **17.9113, 18.3775, 24.0759** is the 20% darker color. If you saturate the color by 10%, you get **32.7046, 32.7303, 49.9419**, and if you desaturate by 10%, it is **47.0509, 49.6907, 52.4594**.

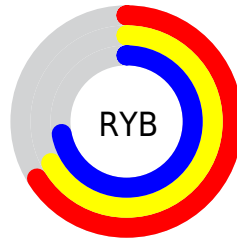
Distribution



Red (66%)

Green (67%)

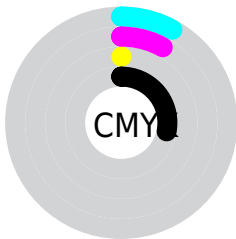
Blue (72%)



Red (66%)

Yellow (67%)

Blue (72%)

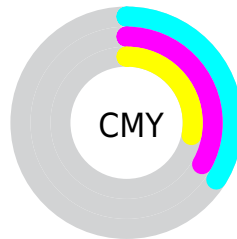


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (34%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3886, 40.6452, 51.1167 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 39.3886, 40.6452, 51.1167 by changing the saturation by 10% instead.

■ 39.3886, 40.6452,
51.1167

■ 39.3886, 40.6452,
51.1167

334.7186,
348.8355, 407.8765

■ 27.2443, 28.0420,
35.9241

■ 73.5219, 76.1450,
93.2405

■ 17.8943, 18.3573,
24.0864

■ 96.2415, 99.8104,
121.0088

■ 10.9733, 11.2068,
15.1849

123.2169,
127.9319, 153.8061

■ 6.1161, 6.2061,
8.8012

154.8135,
160.8939, 192.0510

■ 2.9571, 2.9708,
4.5167

191.3966,
199.0809, 236.1619

■ 1.1311, 1.1165,
1.9129

233.3316,

■ 0.0509, 0.0000,

242.8773, 286.5574

0.5009

280.9838,
292.6673, 343.6561

■ 0.0000, 0.0000,
0.0000

■ 39.3886, 40.6452,
51.1167

■ 39.3886, 40.6452,
51.1167

■ 32.7046, 32.7303,
49.9419

■ 47.0509, 49.6907,
52.4594

■ 26.9561, 25.8966,
48.9258

■ 55.7249, 59.9033,
53.9735

■ 22.1023, 20.0986,
48.0625

■ 65.4469, 71.3245,
55.6656

■ 18.0983, 15.2859,
47.3446

■ 76.2503, 83.9920,
57.5413

■ 14.8949, 11.4034,
46.7641

■ 85.6518, 96.2407,
59.4100

■ 12.4382, 8.3911,
46.3121

■ 10.6675, 6.1814,
45.9789

■ 9.5125, 4.6973,
45.7533

■ 8.8721, 3.8380,
45.6212

Harmonies

Analogous

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



38.1443, 40.6452, 51.3382



39.3886, 40.6452, 51.1167



40.4516, 40.6452, 48.9981

Triad

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



39.3886, 40.6452, 51.1167



40.2543, 40.6452, 39.3201



36.3277, 40.6452, 42.8677

Complementary

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



39.3886, 40.6452, 51.1167



43.8621, 46.9213, 44.2816

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.



36.8679, 40.6452, 39.8297



39.3886, 40.6452, 51.1167



39.1239, 40.6452, 37.8565

Square

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



39.3886, 40.6452, 51.1167



40.9588, 40.6452, 42.1377



37.8852, 40.6452, 38.0379



36.3951, 40.6452, 46.4435

Rectangle

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



39.3886, 40.6452, 51.1167



40.9062, 40.6452, 46.8560



37.8852, 40.6452, 38.0379



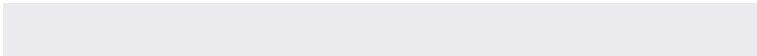
36.4438, 40.6452, 41.7534

Sweetspot

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



39.3898, 40.6469, 51.1176



79.6868, 83.4661, 94.1152



42.0245, 46.1251, 51.3522



17.2112, 18.0318, 20.2950



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.



39.3898, 40.6469, 51.1176



68.8216, 70.6288, 92.2100



40.5756, 40.9801, 51.1194



8.5681, 8.8133, 11.3290



6.0756, 2.6109, 31.4368



0.2306, 0.1248, 1.1137

Inverse Universe

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



41.2117, 41.4693, 43.8646



72.8879, 72.4734, 76.0201



42.6053, 46.5816, 44.2823



9.0283, 9.0217, 9.4966



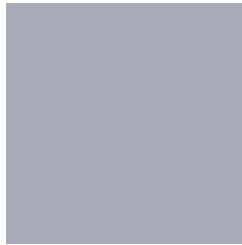
13.6804, 7.0459, 0.9377



0.4905, 0.2517, 0.0766

Previews

White Background



This preview shows how the XYZ color 39.3886, 40.6452, 51.1167 looks on a white background.

Color Contrast Check

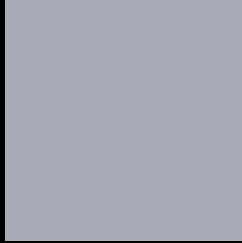
Large Text (above 18pt) WCAG AA × Fail

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 39.3886, 40.6452, 51.1167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

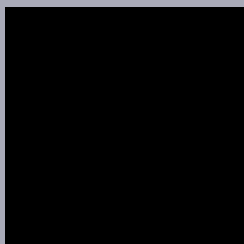
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

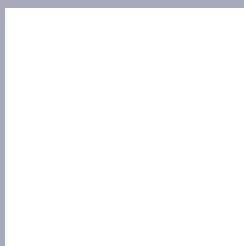
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3886, 40.6452, 51.1167

Background



This preview shows how black text looks on a background with the XYZ color 39.3886, 40.6452, 51.1167.

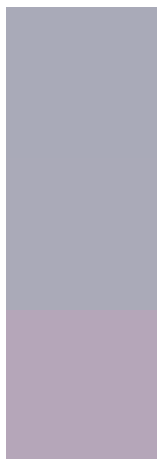


This preview shows how white text looks on a background with the XYZ color 39.3886, 40.6452,

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

39.3886, 40.6452, 51.1167

Protanopia

39.6040, 40.7562, 51.1268

Deuteranopia

41.4492, 40.5990, 51.5507



Tritanopia

39.3886, 40.6452, 51.1167

Trichromacy



Original Color

39.3886, 40.6452, 51.1167

Protanomaly

39.6040, 40.7562, 51.1268

Deuteranomaly

40.7071, 40.4873, 51.5683

Tritanomaly

39.3886, 40.6452, 51.1167

Monochromacy



Original Color

39.3886, 40.6452, 51.1167

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9769, 40.8065, 46.8964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3886, 40.6452, 51.1167 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, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 170, 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(169, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 170, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.3886, 40.6452, 51.1167 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, 170, 184) }
```


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

```
.border{ border-color:rgb(169, 170, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 170,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3886, 40.6452, 51.1167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 170, 184) }
```

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

```
.background{ background-color: rgb(169,  
170, 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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