

Converting Colors

XYZ(39.6343, 40.4946, 51.0747)

Have a look what the booklet for
XYZ(39.6343, 40.4946, 51.0747)
contains.

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Color

**XYZ(39.6343, 40.4946,
51.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA9B8
RGB	171, 169, 184
RGB Percent	67%, 66%, 72%
CMY	0.3294, 0.3372, 0.2784
CMYK	0.07, 0.08, 0.00, 0.28
HSL	248°, 10%, 69%
HSV	248°, 8%, 72%
XYZ	39.6343, 40.4946, 51.0747
YIQ	171.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

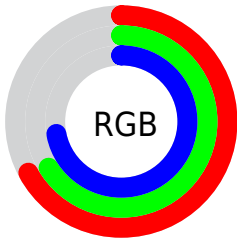
Format	Color
RYB	171, 169, 184
Decimal	11250104
CIELab	69.82, 3.63, -7.43
CIElCh	70, 8.273, 296.056
Yxy	40.4946, 0.3021, 0.3086
Android (android.graphics.Color)	4289440184 (0xFFABA9B8)
YUV	171.3080, 6.2572, -0.2701
Hunter-Lab	63.6354, -0.1859, -3.0423

Details

The XYZ color **39.6343, 40.4946, 51.0747** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5949, 47.0918, 44.3301**, and the grayscale version is **38.8353, 40.8578, 44.4941**.

A 20% lighter version of the original color is **73.7479, 75.7713, 93.1765**, and **18.0658, 18.2832, 24.0496** is the 20% darker color. If you saturate the color by 10%, you get **33.1823, 32.4404, 49.8608**, and if you desaturate by 10%, it is **46.9896, 49.7318, 52.4706**.

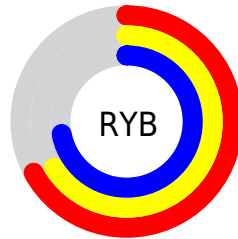
Distribution



Red (67%)

Green (66%)

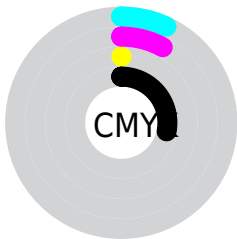
Blue (72%)



Red (67%)

Yellow (66%)

Blue (72%)

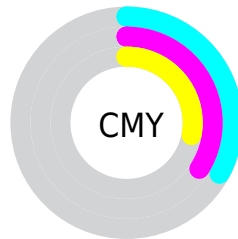


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6343, 40.4946, 51.0747 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 39.6343, 40.4946, 51.0747 by changing the saturation by 10% instead.

■ 39.6343, 40.4946,
51.0747

■ 39.6343, 40.4946,
51.0747

335.7407,
348.2039, 407.7088

■ 27.4365, 27.9244,
35.8909

■ 73.8942, 75.9161,
93.1778

■ 18.0396, 18.2687,
24.0609

■ 96.6870, 99.5361,
120.9342

■ 11.0783, 11.1430,
15.1662

123.7421,
127.6083, 153.7186

■ 6.1872, 6.1631,
8.7882

155.4250,
160.5169, 191.9495

■ 3.0010, 2.9445,
4.5084

192.1009,
198.6463, 236.0454

■ 1.1543, 1.1028,
1.9082

234.1353,

■ 0.0698, 0.0000,

242.3811, 286.4249

0.4979

281.8934,
292.1054, 343.5065

■ 0.0000, 0.0000,
0.0000

■ 39.6343, 40.4946,
51.0747

■ 39.6343, 40.4946,
51.0747

■ 33.1823, 32.4404,
49.8608

■ 46.9896, 49.7318,
52.4706

■ 27.5953, 25.5164,
48.8188

■ 55.2777, 60.1918,
54.0528

■ 22.8373, 19.6734,
47.9417

■ 64.5309, 71.9189,
55.8286

■ 18.8683, 14.8565,
47.2212

■ 74.7792, 84.9537,
57.8045

■ 15.6454, 11.0060,
46.6478

■ 84.1054, 95.4435,
59.3376

■ 13.1210, 8.0562,
46.2115

■ 85.6519, 96.2407,
59.4100

■ 11.2422, 5.9327,
45.9006

■ 9.9483, 4.5494,
45.7018

■ 9.1529, 3.7739,
45.5941

Harmonies

Analogous

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



38.3115, 40.4946, 51.8887



39.6343, 40.4946, 51.0747



40.6710, 40.4946, 48.3514

Triad

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



39.6343, 40.4946, 51.0747



39.9489, 40.4946, 38.2369



35.9698, 40.4946, 43.5850

Complementary

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



39.6343, 40.4946, 51.0747



43.5949, 47.0918, 44.3301

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.



36.3862, 40.4946, 40.0899



39.6343, 40.4946, 51.0747



38.6668, 40.4946, 37.1178

Square

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



39.6343, 40.4946, 51.0747



40.8556, 40.4946, 40.9225



37.3658, 40.4946, 37.7761



36.2154, 40.4946, 47.4205

Rectangle

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



39.6343, 40.4946, 51.0747



41.0498, 40.4946, 45.8980



37.3658, 40.4946, 37.7761



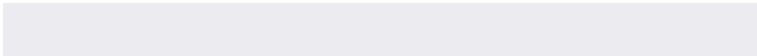
36.0368, 40.4946, 42.3335

Sweetspot

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



39.6355, 40.4963, 51.0756



79.8061, 83.3913, 94.0945



41.7944, 45.4552, 51.9190



17.2356, 18.0165, 20.2907



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.



39.6355, 40.4963, 51.0756



69.3604, 70.2950, 92.1172



41.2586, 41.3331, 51.1516



8.6294, 8.7753, 11.3184



6.2660, 2.5414, 31.4134



0.2570, 0.1082, 1.1091

Inverse Universe

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



42.4001, 41.9455, 50.1197



75.5344, 73.5320, 89.9562



41.9264, 46.2316, 44.2520



9.3281, 9.1416, 11.0751



17.9849, 8.7677, 23.6051



0.6484, 0.3148, 0.9080

Previews

White Background



This preview shows how the XYZ color 39.6343, 40.4946, 51.0747 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 39.6343, 40.4946, 51.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

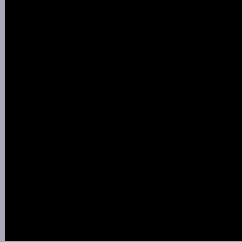
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6343, 40.4946, 51.0747

Background



This preview shows how black text looks on a background with the XYZ color 39.6343, 40.4946, 51.0747.

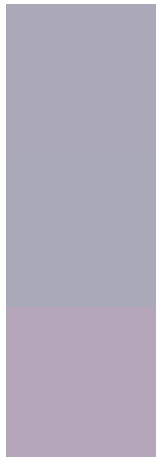


This preview shows how white text looks on a background with the XYZ color 39.6343, 40.4946,

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

39.6343, 40.4946, 51.0747

Protanopia

39.4173, 40.3827, 51.0645

Deuteranopia

41.4492, 40.5990, 51.5507



Tritanopia

39.5298, 40.4528, 50.5245

Trichromacy



Original Color

39.6343, 40.4946, 51.0747

Protanomaly

39.4173, 40.3827, 51.0645

Deuteranomaly

40.7071, 40.4873, 51.5683

Tritanomaly

39.5298, 40.4528, 50.5245

Monochromacy



Original Color

39.6343, 40.4946, 51.0747

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0058, 40.5420, 46.8439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6343, 40.4946, 51.0747 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(171, 169, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 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(171, 169, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.6343, 40.4946, 51.0747 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(171, 169, 184) }
```


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

```
.border{ border-color:rgb(171, 169, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6343, 40.4946, 51.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 184) }
```

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

```
.background{ background-color: rgb(171,  
169, 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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