

Converting Colors

XYZ(39.2631, 40.2931, 51.8321)

Have a look what the booklet for
XYZ(39.2631, 40.2931, 51.8321)
contains.

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Color

**XYZ(39.3071, 40.3137,
51.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A9B9
RGB	169, 169, 185
RGB Percent	66%, 66%, 73%
CMY	0.3372, 0.3372, 0.2745
CMYK	0.09, 0.09, 0.00, 0.27
HSL	240°, 10%, 69%
HSV	240°, 9%, 73%
XYZ	39.3071, 40.3137, 51.6086
YIQ	170.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

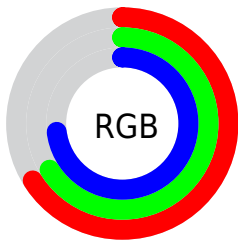
Format	Color
R _Y B	169, 169, 185
Decimal	11119033
CIE Lab	69.69, 3.15, -8.19
CIE LCh	70, 8.778, 291.060
Yxy	40.3137, 0.2995, 0.3072
Android (android.graphics.Color)	4289309113 (0xFFA9A9B9)
YUV	170.8240, 6.9888, -1.5996
Hunter-Lab	63.4931, -0.6076, -3.7471

Details

The XYZ color **39.3071, 40.3137, 51.6086** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5182, 47.8765, 44.4316**, and the grayscale version is **38.5892, 40.5989, 44.2122**.

A 20% lighter version of the original color is **73.2733, 75.5095, 93.9320**, and **17.8623, 18.1704, 24.3956** is the 20% darker color. If you saturate the color by 10%, you get **32.4146, 32.0092, 50.3696**, and if you desaturate by 10%, it is **47.2504, 49.8847, 53.0380**.

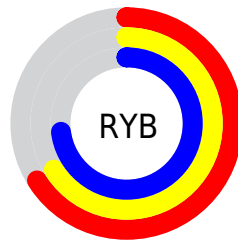
Distribution



Red (66%)

Green (66%)

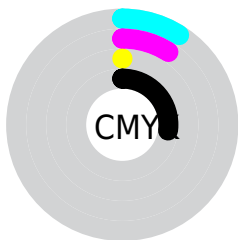
Blue (73%)



Red (66%)

Yellow (66%)

Blue (73%)

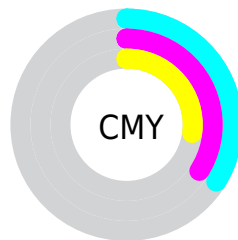


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3071, 40.3137, 51.6086 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 39.3071, 40.3137, 51.6086 by changing the saturation by 10% instead.

■ 39.3071, 40.3137,
51.6086

■ 39.3071, 40.3137,
51.6086

334.3791,
347.4440, 409.8376

■ 27.1805, 27.7832,
36.3131

■ 73.3983, 75.6410,
93.9744

■ 17.8461, 18.1623,
24.3845

■ 96.0936, 99.2065,
121.8819

■ 10.9386, 11.0666,
15.4043

123.0426,
127.2193, 154.8304

■ 6.0925, 6.1116,
8.9538

154.6105,
160.0635, 193.2384

■ 2.9426, 2.9131,
4.6147

191.1628,
198.1238, 237.5247

■ 1.1235, 1.0865,
1.9683

233.0647,

■ 0.0446, 0.0000,

241.7843, 288.1076

0.5357

280.6817,
291.4296, 345.4057

■ 0.0000, 0.0000,
0.0000

■ 39.3071, 40.3137,
51.6086

■ 39.3071, 40.3137,
51.6086

■ 32.4146, 32.0092,
50.3696

■ 47.2504, 49.8847,
53.0380

■ 26.5255, 24.9135,
49.3103

■ 56.2822, 60.7669,
54.6624

■ 21.5942, 18.9716,
48.4234

■ 66.4425, 73.0088,
56.4898

■ 17.5700, 14.1228,
47.6995

■ 77.7686, 86.6552,
58.5269

■ 14.3977, 10.3003,
47.1289

■ 85.7571, 96.2828,
59.9642

■ 12.0161, 7.4305,
46.7005

■ 10.3557, 5.4296,
46.4018

■ 9.3350, 4.1995,
46.2182

■ 8.8158, 3.5738,
46.1248

Harmonies

Analogous

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



37.8940, 40.3137, 52.0864



39.3071, 40.3137, 51.6086



40.4814, 40.3137, 48.9982

Triad

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



39.3071, 40.3137, 51.6086



40.0598, 40.3137, 38.0860



35.6811, 40.3137, 42.6901

Complementary

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



39.3071, 40.3137, 51.6086



44.5182, 47.8765, 44.4316

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.



36.2311, 40.3137, 39.1586



39.3071, 40.3137, 51.6086



38.7431, 40.3137, 36.6105

Square

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



39.3071, 40.3137, 51.6086



40.9234, 40.3137, 41.1428



37.3436, 40.3137, 36.9906



35.8236, 40.3137, 46.7668

Rectangle

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



39.3071, 40.3137, 51.6086



40.9595, 40.3137, 46.4836



37.3436, 40.3137, 36.9906



35.7906, 40.3137, 41.4039

Sweetspot

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



39.3083, 40.3154, 51.6095



78.1282, 81.5154, 93.8208



42.4407, 46.6252, 52.5149



16.5959, 17.2755, 20.1814



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.



39.3083, 40.3154, 51.6095



68.4105, 69.8066, 92.0730



41.0164, 41.1953, 51.6893



8.5212, 8.7197, 11.3134



5.9630, 2.3856, 31.3993



0.2102, 0.0842, 1.1069

Inverse Universe

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



41.3579, 41.5557, 43.3793



72.6804, 72.3904, 74.9273



42.7034, 46.9417, 44.3468



9.0047, 9.0122, 9.3721



13.6235, 7.0232, 0.6382



0.4803, 0.2476, 0.0226

Previews

White Background



This preview shows how the XYZ color 39.3071, 40.3137, 51.6086 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 39.3071, 40.3137, 51.6086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

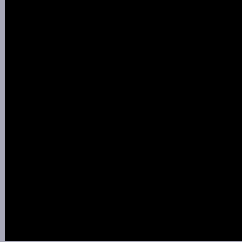
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3071, 40.3137, 51.6086

Background



This preview shows how black text looks on a background with the XYZ color 39.3071, 40.3137, 51.6086.

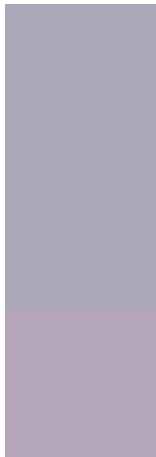


This preview shows how white text looks on a background with the XYZ color 39.3071, 40.3137,

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

39.3071, 40.3137, 51.6086

Protanopia

39.3071, 40.3137, 51.6086

Deuteranopia

41.1405, 40.1587, 52.0374



Tritanopia

39.0974, 40.2298, 50.5042

Trichromacy



Original Color

39.3071, 40.3137, 51.6086

Protanomaly

39.3071, 40.3137, 51.6086

Deuteranomaly

40.4036, 40.0477, 52.0549

Tritanomaly

39.2019, 40.2716, 51.0544

Monochromacy



Original Color

39.3071, 40.3137, 51.6086

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7888, 40.4301, 46.8337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3071, 40.3137, 51.6086 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, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 185)  
}
```

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, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.3071, 40.3137, 51.6086 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, 169, 185) }
```


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

```
.border{ border-color:rgb(169, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3071, 40.3137, 51.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 185) }
```

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

```
.background{ background-color: rgb(169,  
169, 185) }
```

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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