

Converting Colors

XYZ(38.0770, 39.6064, 54.2426)

Have a look what the booklet for
XYZ(38.0770, 39.6064, 54.2426)
contains.

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Color

**XYZ(38.1802, 39.6707,
54.3601)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A9BE
RGB	161, 169, 190
RGB Percent	63%, 66%, 75%
CMY	0.3686, 0.3372, 0.2549
CMYK	0.15, 0.11, 0.00, 0.25
HSL	223°, 18%, 69%
HSV	223°, 15%, 75%
XYZ	38.1802, 39.6707, 54.3601
YIQ	169.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

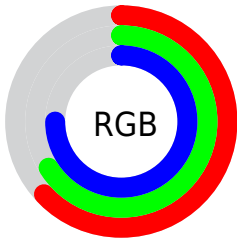
Format	Color
R _Y B	161, 167, 190
Decimal	10594750
CIE Lab	69.23, 1.53, -11.71
CIE LCh	69, 11.805, 277.468
Yxy	39.6707, 0.2888, 0.3001
Android (android.graphics.Color)	4288784830 (0xFFA1A9BE)
YUV	169.0020, 10.3520, -7.0178
Hunter-Lab	62.9847, -2.0196, -7.0821

Details

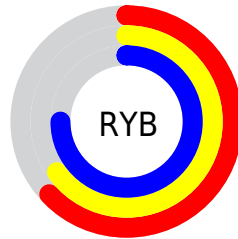
The XYZ color **38.1802, 39.6707, 54.3601** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.3965, 46.9762, 40.4465**, and the grayscale version is **37.6685, 39.6302, 43.1573**.

A 20% lighter version of the original color is **71.6091, 74.5641, 97.8069**, and **17.1833, 17.7799, 26.1931** is the 20% darker color. If you saturate the color by 10%, you get **32.2124, 32.9934, 53.3864**, and if you desaturate by 10%, it is **45.0015, 47.1898, 55.4525**.

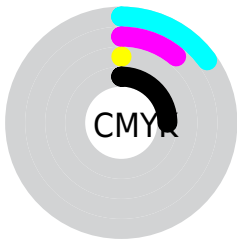
Distribution



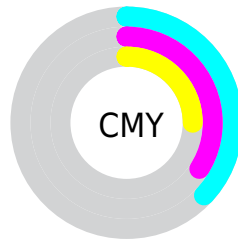
- Red (63%)
- Green (66%)
- Blue (75%)



- Red (63%)
- Yellow (65%)
- Blue (75%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (25%)



- Cyan (37%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1802, 39.6707, 54.3601 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 38.1802, 39.6707, 54.3601 by changing the saturation by 10% instead.

■ 38.1802, 39.6707,
54.3601

■ 38.1802, 39.6707,
54.3601

329.6599,
344.7337, 420.6951

■ 26.3004, 27.2819,
38.4945

■ 71.6864, 74.6618,
98.0645

■ 17.1824, 17.7850,
26.0619

■ 94.0435, 98.0329,
126.7404

■ 10.4607, 10.7958,
16.6438

120.6237,
125.8335, 160.5234

■ 5.7701, 5.9297,
9.8216

151.7925,
158.4481, 199.8322

■ 2.7451, 2.8024,
5.1768

187.9152,
196.2610, 245.0852

■ 1.0204, 1.0294,
2.2908

229.3570,

■ 0.0000, 0.0000,

239.6566, 296.7010

0.7261

276.4835,
289.0194, 355.0981

■ 0.0000, 0.0000,
0.0000

■ 38.1802, 39.6707,
54.3601

■ 38.1802, 39.6707,
54.3601

■ 32.2124, 32.9934,
53.3864

■ 45.0015, 47.1898,
55.4525

■ 27.0601, 27.1231,
52.5249

■ 52.7053, 55.5744,
56.6649

■ 22.6877, 22.0293,
51.7721

■ 61.3233, 64.8532,
58.0017

■ 19.0552, 17.6779,
51.1237

■ 70.8849, 75.0520,
59.4663

■ 16.1192, 14.0320,
50.5747

■ 81.0481, 86.0051,
61.0448

■ 13.8313, 11.0512,
50.1199

■ 85.2031, 94.3152,
62.4298

■ 12.1363, 8.6906,
49.7536

■ 86.2944, 96.4978,
62.7936

■ 10.9682, 6.8980,
49.4692

■ 10.5415, 6.2120,
49.3593

Harmonies

Analogous

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



36.3300, 39.6707, 53.5409



38.1802, 39.6707, 54.3601



39.9604, 39.6707, 51.9948

Triad

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



38.1802, 39.6707, 54.3601



40.6649, 39.6707, 37.1666



34.4471, 39.6707, 39.3271

Complementary

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



38.1802, 39.6707, 54.3601



44.3965, 46.9762, 40.4465

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.



35.5376, 39.6707, 35.4480



38.1802, 39.6707, 54.3601



39.1159, 39.6707, 34.2753

Square

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



38.1802, 39.6707, 54.3601



41.4258, 39.6707, 41.8558



37.2354, 39.6707, 33.6734



34.2154, 39.6707, 44.5618

Rectangle

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



38.1802, 39.6707, 54.3601



40.8540, 39.6707, 49.0381



37.2354, 39.6707, 33.6734



34.7236, 39.6707, 37.8349

Sweetspot

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



38.1814, 39.6723, 54.3610



81.7874, 85.7756, 100.5248



41.5333, 47.7732, 51.1715



17.7547, 18.6109, 22.0418



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.



38.1814, 39.6723, 54.3610



65.7531, 68.0673, 97.9519



38.0363, 37.4548, 53.9406



9.2250, 9.6424, 12.0472



7.0669, 4.2456, 32.8399



0.3337, 0.2801, 1.3053

Inverse Universe

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



41.1425, 39.3025, 42.9556



72.0766, 67.3801, 73.5724



44.5466, 49.5562, 40.9366



9.6354, 9.5785, 10.4693



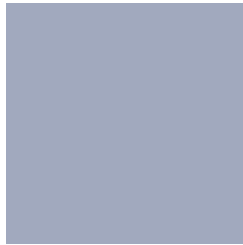
14.5678, 7.4583, 3.0178



0.5994, 0.3036, 0.2695

Previews

White Background



This preview shows how the XYZ color 38.1802, 39.6707, 54.3601 looks on a white background.

Color Contrast Check

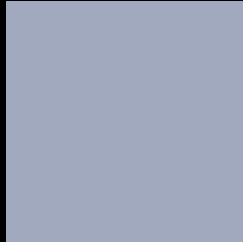
Large Text (above 18pt) WCAG AA × Fail

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 38.1802, 39.6707, 54.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

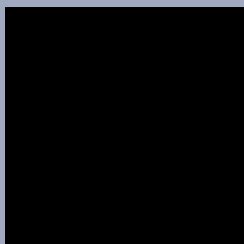
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

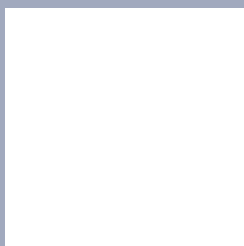
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1802, 39.6707, 54.3601

Background



This preview shows how black text looks on a background with the XYZ color 38.1802, 39.6707, 54.3601.



This preview shows how white text looks on a background with the XYZ color 38.1802, 39.6707,

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

38.1802, 39.6707, 54.3601

Protanopia

38.9138, 39.7864, 53.7727

Deuteranopia

40.3586, 39.4265, 54.7732



Tritanopia

37.5237, 39.6837, 51.0294

Trichromacy



Original Color

38.1802, 39.6707, 54.3601

Protanomaly

38.4978, 39.5719, 53.7532

Deuteranomaly

39.6178, 39.5801, 54.8419

Tritanomaly

37.7349, 39.7682, 52.1416

Monochromacy



Original Color

38.1802, 39.6707, 54.3601

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8497, 39.6572, 47.2547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1802, 39.6707, 54.3601 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(161, 169, 190)` looks like.

```
.text, #text, p{  
    color:rgb(161, 169, 190)  
}
```

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(161, 169, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 169, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.1802, 39.6707, 54.3601 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(161, 169, 190) }
```


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

```
.border{ border-color:rgb(161, 169, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 169, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 169, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 169, 190);  
box-shadow:4px 4px 4px 4px rgb(161, 169,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1802, 39.6707, 54.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 169, 190) }
```

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

```
.background{ background-color: rgb(161,  
169, 190) }
```

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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