

Converting Colors

XYZ(38.7670, 41.8089, 54.0002)

Have a look what the booklet for
XYZ(38.7670, 41.8089, 54.0002)
contains.

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Color

**XYZ(38.8134, 41.7050,
54.1483)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAFBD
RGB	159, 175, 189
RGB Percent	62%, 69%, 74%
CMY	0.3765, 0.3137, 0.2588
CMYK	0.16, 0.07, 0.00, 0.26
HSL	208°, 19%, 68%
HSV	208°, 16%, 74%
XYZ	38.8134, 41.7050, 54.1483
YIQ	171.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

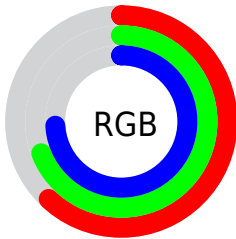
Format	Color
R _Y B	159, 169, 189
Decimal	10465213
CIE Lab	70.67, -2.61, -9.03
CIE LCh	71, 9.399, 253.860
Yxy	41.7050, 0.2882, 0.3097
Android (android.graphics.Color)	4288655293 (0xFF9FAFBD)
YUV	171.8120, 8.4737, -11.2361
Hunter-Lab	64.5794, -5.7322, -4.5077

Details

The XYZ color **38.8134, 41.7050, 54.1483** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1882, 43.2092, 38.9185**, and the grayscale version is **39.0823, 41.1176, 44.7771**.

A 20% lighter version of the original color is **72.5098, 77.4823, 97.5201**, and **17.5903, 19.0693, 26.0462** is the 20% darker color. If you saturate the color by 10%, you get **33.6877, 36.5982, 53.4334**, and if you desaturate by 10%, it is **44.6267, 47.3349, 54.9292**.

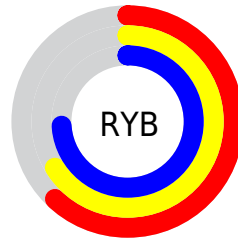
Distribution



Red (62%)

Green (69%)

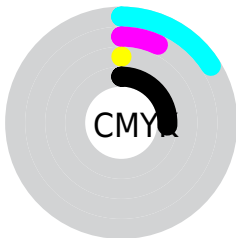
Blue (74%)



Red (62%)

Yellow (66%)

Blue (74%)

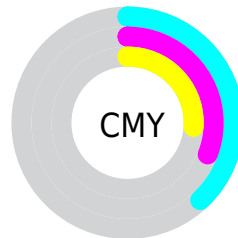


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8134, 41.7050, 54.1483 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 38.8134, 41.7050, 54.1483 by changing the saturation by 10% instead.

■ 38.8134, 41.7050,
54.1483

■ 38.8134, 41.7050,
54.1483

332.3173,
353.2586, 419.8659

■ 26.7947, 28.8704,
38.3263

■ 72.6491, 77.7530,
97.7506

■ 17.5549, 18.9828,
25.9322

■ 95.1967, 101.7351,
126.3678

■ 10.7286, 11.6578,
16.5476

121.9847,
130.2018, 160.0873

■ 5.9506, 6.5111,
9.7540

153.3784,
163.5376, 199.3274

■ 2.8554, 3.1583,
5.1327

189.7432,
202.1267, 244.5068

■ 1.0778, 1.2149,
2.2652

231.4443,

■ 0.0064, 0.0738,

246.3537, 296.0440

0.7116

278.8473,
296.6028, 354.3575

■ 0.0000, 0.0000,
0.0000

■ 38.8134, 41.7050,
54.1483

■ 38.8134, 41.7050,
54.1483

■ 33.6877, 36.5982,
53.4334

■ 44.6267, 47.3349,
54.9292

■ 29.2180, 31.9918,
52.7799

■ 51.1504, 53.4993,
55.7753

■ 25.3752, 27.8686,
52.1866

■ 58.4105, 60.2159,
56.6890

■ 22.1268, 24.2085,
51.6513

■ 66.4308, 67.4997,
57.6722

■ 19.4368, 20.9895,
51.1717

■ 75.2336, 75.3651,
58.7265

■ 17.2650, 18.1873,
50.7453

■ 78.1457, 80.3748,
59.5399

■ 15.5652, 15.7743,
50.3692

■ 80.6329, 85.3491,
60.3690

■ 14.2792, 13.7168,
50.0398

■ 83.2455, 90.5744,
61.2399

■ 13.8211, 12.9455,
49.9151

■ 85.9855, 96.0543,
62.1532

Harmonies

Analogous

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



37.5209, 41.7050, 51.6096



38.8134, 41.7050, 54.1483



40.3604, 41.7050, 54.2476

Triad

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



38.8134, 41.7050, 54.1483



42.6158, 41.7050, 43.3877



37.6021, 41.7050, 39.5071

Complementary

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



38.8134, 41.7050, 54.1483



42.1882, 43.2092, 38.9185

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.



38.9269, 41.7050, 37.5879



38.8134, 41.7050, 54.1483



41.8361, 41.7050, 39.7272

Square

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



38.8134, 41.7050, 54.1483



42.5835, 41.7050, 47.8336



40.4769, 41.7050, 37.6657



36.8341, 41.7050, 43.0690

Rectangle

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



38.8134, 41.7050, 54.1483



41.3299, 41.7050, 52.9036



40.4769, 41.7050, 37.6657



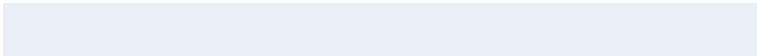
37.9955, 41.7050, 38.6591

Sweetspot

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



38.8146, 41.7067, 54.1492



80.8042, 85.6151, 98.4927



39.9910, 46.7647, 46.2016



17.2089, 18.2510, 21.1584



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.8146, 41.7067, 54.1492



66.2294, 71.4529, 96.5273



36.1420, 36.3614, 53.2583



9.4265, 10.0453, 12.1143



9.3763, 8.8643, 33.6097



0.4322, 0.4770, 1.3382

Inverse Universe

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



41.1233, 38.7113, 45.8640



71.1789, 65.2295, 78.7201



45.1216, 49.0759, 39.8963



9.7371, 9.6191, 11.0047



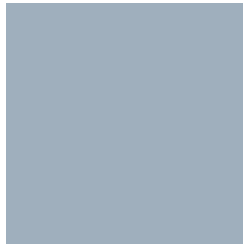
15.7335, 7.9245, 9.1560



0.6491, 0.3235, 0.5312

Previews

White Background



This preview shows how the XYZ color 38.8134, 41.7050, 54.1483 looks on a white background.

Color Contrast Check

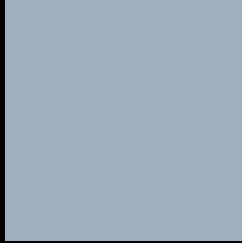
Large Text (above 18pt) WCAG AA × Fail

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 38.8134, 41.7050, 54.1483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

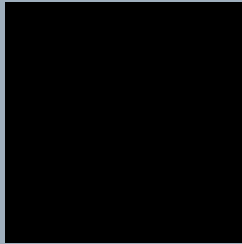
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

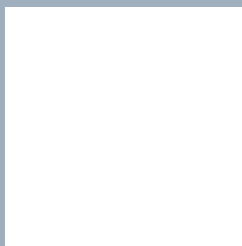
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8134, 41.7050, 54.1483

Background



This preview shows how black text looks on a background with the XYZ color 38.8134, 41.7050, 54.1483.



This preview shows how white text looks on a background with the XYZ color 38.8134, 41.7050,

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

38.8134, 41.7050, 54.1483

Protanopia

40.7354, 41.8636, 52.9472

Deuteranopia

42.3530, 41.5467, 54.5023



Tritanopia

38.8134, 41.7050, 54.1483

Trichromacy



Original Color

38.8134, 41.7050, 54.1483

Protanomaly

39.9570, 41.7335, 53.5264

Deuteranomaly

41.0908, 41.7278, 54.6037

Tritanomaly

38.8134, 41.7050, 54.1483

Monochromacy



Original Color

38.8134, 41.7050, 54.1483

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9158, 41.3170, 48.0434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8134, 41.7050, 54.1483 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(159, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 189)  
}
```

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(159, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.8134, 41.7050, 54.1483 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(159, 175, 189) }
```


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

```
.border{ border-color:rgb(159, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8134, 41.7050, 54.1483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 189) }
```

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

```
.background{ background-color: rgb(159,  
175, 189) }
```

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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