

Converting Colors

XYZ(38.6170, 41.8437, 57.0411)

Have a look what the booklet for
XYZ(38.6170, 41.8437, 57.0411)
contains.

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Color

**XYZ(38.5894, 41.8157,
57.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB0C2
RGB	154, 176, 194
RGB Percent	60%, 69%, 76%
CMY	0.3961, 0.3098, 0.2392
CMYK	0.21, 0.09, 0.00, 0.24
HSL	207°, 25%, 68%
HSV	207°, 21%, 76%
XYZ	38.5894, 41.8157, 57.0763
YIQ	171.4740, -18.8900, 0.9340

Conversions

Conversions Part 2

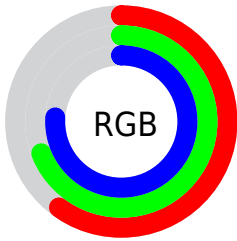
Format	Color
RYB	154, 168, 194
Decimal	10137794
CIELab	70.74, -3.66, -11.70
CIElCh	71, 12.261, 252.642
Yxy	41.8157, 0.2807, 0.3042
Android (android.graphics.Color)	4288327874 (0xFF9AB0C2)
YUV	171.4740, 11.1053, -15.3247
Hunter-Lab	64.6651, -6.6425, -7.0665

Details

The XYZ color **38.5894, 41.8157, 57.0763** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.8339, 43.3078, 36.6746**, and the grayscale version is **38.9007, 40.9266, 44.5691**.

A 20% lighter version of the original color is **72.4064, 78.1707, 101.7147**, and **17.4208, 19.1335, 27.5859** is the 20% darker color. If you saturate the color by 10%, you get **33.5346, 36.7511, 56.3658**, and if you desaturate by 10%, it is **44.3536, 47.4115, 57.8533**.

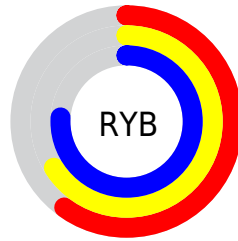
Distribution



Red (60%)

Green (69%)

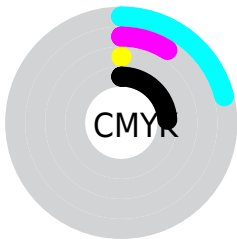
Blue (76%)



Red (60%)

Yellow (66%)

Blue (76%)

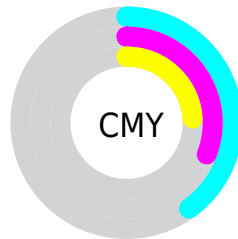


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5894, 41.8157, 57.0763 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 38.5894, 41.8157, 57.0763 by changing the saturation by 10% instead.

■ 38.5894, 41.8157,
57.0763

■ 38.5894, 41.8157,
57.0763

331.3789,
353.7184, 431.2369

■ 26.6197, 28.9570,
40.6567

■ 72.3087, 77.9206,
102.0780

■ 17.4230, 19.0483,
27.7333

■ 94.7891, 101.9356,
131.4971

■ 10.6337, 11.7052,
17.8874

121.5038,
130.4382, 166.0866

■ 5.8865, 6.5433,
10.7006

152.8181,
163.8128, 206.2648

■ 2.8162, 3.1781,
5.7542

189.0974,
202.4436, 252.4505

■ 1.0573, 1.2254,
2.6299

230.7071,

■ 0.0000, 0.0823,

246.7153, 305.0620

0.9078

278.0125,
297.0121, 364.5179

■ 0.0000, 0.0000,
0.0000

■ 38.5894, 41.8157,
57.0763

■ 38.5894, 41.8157,
57.0763

■ 33.5346, 36.7511,
56.3658

■ 44.3536, 47.4115,
57.8533

■ 29.1546, 32.1938,
55.7170

■ 50.8520, 53.5511,
58.6958

■ 25.4178, 28.1251,
55.1287

■ 58.1130, 60.2531,
59.6068

■ 22.2879, 24.5234,
54.5984

■ 66.1622, 67.5335,
60.5878

■ 19.7250, 21.3647,
54.1238

■ 75.0238, 75.4075,
61.6406

■ 17.6836, 18.6219,
53.7020

■ 78.8255, 80.8505,
62.4908

■ 16.1102, 16.2641,
53.3298

■ 81.2932, 85.7860,
63.3134

■ 14.9652, 14.3499,
53.0207

■ 83.8840, 90.9676,
64.1770

■ 86.5996, 96.3987,
65.0822

Harmonies

Analogous

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



36.9372, 41.8157, 53.5449



38.5894, 41.8157, 57.0763



40.6064, 41.8157, 57.3541

Triad

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



38.5894, 41.8157, 57.0763



43.6832, 41.8157, 43.1232



37.1543, 41.8157, 37.7797

Complementary

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



38.5894, 41.8157, 57.0763



42.8339, 43.3078, 36.6746

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.



38.8950, 41.8157, 35.4544



38.5894, 41.8157, 57.0763



42.6907, 41.8157, 38.3580

Square

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



38.5894, 41.8157, 57.0763



43.5945, 41.8157, 48.9535



40.9226, 41.8157, 35.6567



36.1282, 41.8157, 42.2703

Rectangle

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



38.5894, 41.8157, 57.0763



41.8911, 41.8157, 55.6255



40.9226, 41.8157, 35.6567



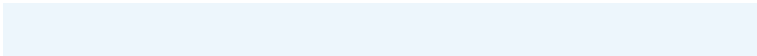
37.6727, 41.8157, 36.7368

Sweetspot

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



38.5907, 41.8174, 57.0772



85.5131, 90.8030, 105.4895



40.0016, 48.4074, 45.9311



18.5562, 19.7236, 23.0790



0.0000, 0.0000, 0.0000



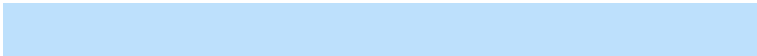
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5907, 41.8174, 57.0772



65.3819, 71.2582, 102.7780



35.0657, 34.7675, 55.9023



9.9772, 10.6457, 12.8138



9.9219, 9.6003, 34.8867



0.4967, 0.5509, 1.5300

Inverse Universe

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



41.6413, 37.7162, 46.1613



72.0400, 62.7048, 78.8644



46.7852, 51.2104, 37.9917



10.2998, 10.1685, 11.6693



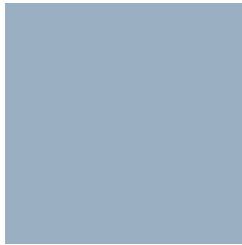
16.4041, 8.2514, 10.0400



0.7431, 0.3703, 0.6147

Previews

White Background



This preview shows how the XYZ color 38.5894, 41.8157, 57.0763 looks on a white background.

Color Contrast Check

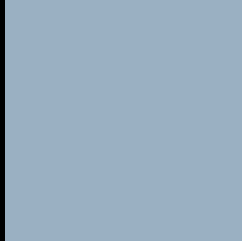
Large Text (above 18pt) WCAG AA × Fail

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 38.5894, 41.8157, 57.0763 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

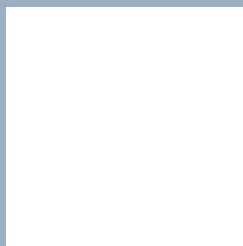
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5894, 41.8157, 57.0763

Background



This preview shows how black text looks on a background with the XYZ color 38.5894, 41.8157, 57.0763.



This preview shows how white text looks on a background with the XYZ color 38.5894, 41.8157,

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

38.5894, 41.8157, 57.0763

Protanopia

40.7341, 41.8127, 55.2140

Deuteranopia

42.5568, 41.5745, 58.0062



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

38.5894, 41.8157, 57.0763

Protanomaly

39.7678, 41.5854, 55.8000

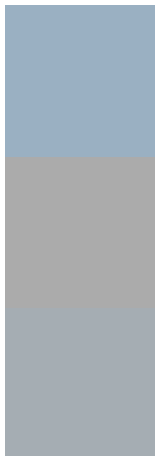
Deuteranomaly

40.9908, 41.6120, 57.5012

Tritanomaly

38.3734, 42.0224, 55.9578

Monochromacy



Original Color

38.5894, 41.8157, 57.0763

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5973, 41.1411, 48.5546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5894, 41.8157, 57.0763 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(154, 176, 194) looks like.

```
.text, #text, p{  
    color:rgb(154, 176, 194)  
}
```

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(154, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 176, 194) }
```

Border

The CSS property to change the border of an element to XYZ 38.5894, 41.8157, 57.0763 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(154, 176, 194) }
```


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

```
.border{ border-color:rgb(154, 176, 194) }
```

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

Here you see how a box with a 4 pixel rgb(154, 176, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(154, 176,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5894, 41.8157, 57.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 176, 194) }
```

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

```
.background{ background-color: rgb(154,  
176, 194) }
```

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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