

Converting Colors

XYZ(38.5071, 38.7742, 55.2666)

Have a look what the booklet for
XYZ(38.5071, 38.7742, 55.2666)
contains.

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Color

**XYZ(38.4866, 38.7154,
55.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A5C0
RGB	165, 165, 192
RGB Percent	65%, 65%, 75%
CMY	0.3529, 0.3529, 0.2471
CMYK	0.14, 0.14, 0.00, 0.25
HSL	240°, 18%, 70%
HSV	240°, 14%, 75%
XYZ	38.4866, 38.7154, 55.3135
YIQ	168.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

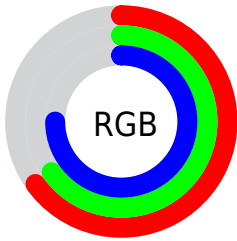
Format	Color
RYB	165, 165, 192
Decimal	10855872
CIELab	68.54, 5.49, -13.82
CIELCh	69, 14.868, 291.676
Yxy	38.7154, 0.2904, 0.2922
Android (android.graphics.Color)	4289045952 (0xFFA5A5C0)
YUV	168.0780, 11.7935, -2.6994
Hunter-Lab	62.2217, 1.5214, -9.1521

Details

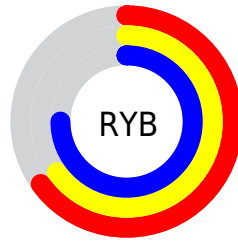
The XYZ color **38.4866, 38.7154, 55.3135** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.3795, 51.6220, 43.0650**, and the grayscale version is **37.2057, 39.1433, 42.6270**.

A 20% lighter version of the original color is **72.0517, 73.1794, 99.1344**, and **17.3754, 17.1850, 26.8274** is the 20% darker color. If you saturate the color by 10%, you get **31.5823, 30.3965, 54.0723**, and if you desaturate by 10%, it is **46.5126, 48.3862, 56.7578**.

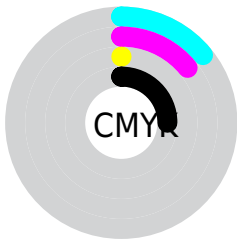
Distribution



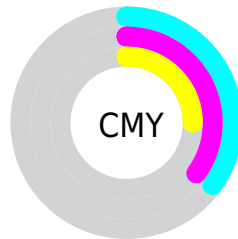
- Red (65%)
- Green (65%)
- Blue (75%)



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



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4866, 38.7154, 55.3135 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 38.4866, 38.7154, 55.3135 by changing the saturation by 10% instead.

■ 38.4866, 38.7154,
55.3135

■ 38.4866, 38.7154,
55.3135

330.9476,
340.6790, 424.4146

■ 26.5395, 26.5384,
39.2525

■ 72.1525, 73.2033,
99.4759

■ 17.3625, 17.2269,
26.6469

■ 94.6019, 96.2831,
128.4143

■ 10.5902, 10.3964,
17.0781

121.2829,
123.7658, 162.4823

■ 5.8572, 5.6625,
10.1276

152.5607,
156.0360, 202.0984

■ 2.7983, 2.6410,
5.3770

188.8007,
193.4781, 247.6812

■ 1.0480, 0.9473,
2.4075

230.3683,

■ 0.0000, 0.0000,

236.4763, 299.6491

0.7905

277.6289,
285.4151, 358.4207

■ 0.0000, 0.0000,
0.0000

■ 38.4866, 38.7154,
55.3135

■ 38.4866, 38.7154,
55.3135

■ 31.5823, 30.3965,
54.0723

■ 46.5126, 48.3862,
56.7578

■ 25.7464, 23.3647,
53.0226

■ 55.7035, 59.4603,
58.4109

■ 20.9267, 17.5573,
52.1557

■ 66.1042, 71.9922,
60.2816

■ 17.0651, 12.9043,
51.4611

■ 77.7566, 86.0321,
62.3774

■ 14.0977, 9.3287,
50.9274

■ 86.5145, 96.5858,
63.9529

■ 11.9528, 6.7441,
50.5415

■ 10.5476, 5.0509,
50.2888

■ 9.7824, 4.1287,
50.1511

■ 9.5147, 3.8062,
50.1029

Harmonies

Analogous

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



36.1496, 38.7154, 56.2491



38.4866, 38.7154, 55.3135



40.4456, 38.7154, 50.6699

Triad

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



38.4866, 38.7154, 55.3135



39.6620, 38.7154, 32.8231



32.5188, 38.7154, 40.3145

Complementary

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



38.4866, 38.7154, 55.3135



47.3795, 51.6220, 43.0650

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.



33.3763, 38.7154, 34.6509



38.4866, 38.7154, 55.3135



37.4537, 38.7154, 30.6361

Square

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



38.4866, 38.7154, 55.3135



41.1440, 38.7154, 37.5674



35.1592, 38.7154, 31.2679



32.7690, 38.7154, 47.1006

Rectangle

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



38.4866, 38.7154, 55.3135



41.2412, 38.7154, 46.3413



35.1592, 38.7154, 31.2679



32.6857, 38.7154, 38.2278

Sweetspot

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



38.4878, 38.7170, 55.3144



84.2743, 87.6685, 102.8403



43.8320, 49.4851, 56.8501



17.8270, 18.5034, 22.0172



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.



38.4878, 38.7170, 55.3144



65.5033, 65.0511, 99.4640



41.3419, 40.1877, 55.4478



9.5284, 9.7481, 12.6642



6.4023, 2.5612, 33.7135



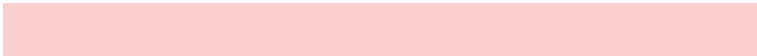
0.2767, 0.1107, 1.4567

Inverse Universe

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



41.9858, 40.8342, 41.2681



73.1165, 69.6591, 68.8933



44.2207, 49.9943, 42.9173



10.0733, 10.0779, 10.4764



14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 38.4866, 38.7154, 55.3135 looks on a white background.

Color Contrast Check

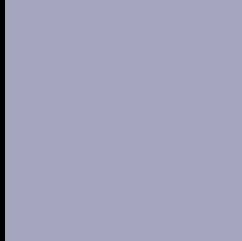
Large Text (above 18pt) WCAG AA × Fail

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 38.4866, 38.7154, 55.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

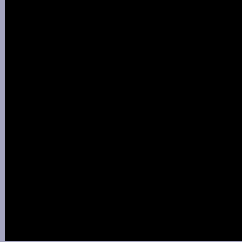
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4866, 38.7154, 55.3135

Background



This preview shows how black text looks on a background with the XYZ color 38.4866, 38.7154, 55.3135.



This preview shows how white text looks on a background with the XYZ color 38.4866, 38.7154,

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

38.4866, 38.7154, 55.3135

Protanopia

38.0509, 38.7596, 55.3450

Deuteranopia

39.4062, 38.6581, 55.2540



Tritanopia

37.1612, 38.7193, 48.6950

Trichromacy



Original Color

38.4866, 38.7154, 55.3135

Protanomaly

38.2549, 38.8647, 55.3546

Deuteranomaly

39.1521, 38.7917, 55.2932

Tritanomaly

37.5978, 38.6256, 50.8213

Monochromacy



Original Color

38.4866, 38.7154, 55.3135

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6909, 39.0272, 47.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4866, 38.7154, 55.3135 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(165, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 192)  
}
```

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(165, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.4866, 38.7154, 55.3135 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(165, 165, 192) }
```


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

```
.border{ border-color:rgb(165, 165, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4866, 38.7154, 55.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 192) }
```

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

```
.background{ background-color: rgb(165,  
165, 192) }
```

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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