

Converting Colors

XYZ(37.0434, 38.5111, 55.3502)

Have a look what the booklet for
XYZ(37.0434, 38.5111, 55.3502)
contains.

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Color

**XYZ(37.0434, 38.5111,
55.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA7C0
RGB	156, 167, 192
RGB Percent	61%, 65%, 75%
CMY	0.3882, 0.3451, 0.2471
CMYK	0.19, 0.13, 0.00, 0.25
HSL	222°, 22%, 68%
HSV	222°, 19%, 75%
XYZ	37.0434, 38.5111, 55.3502
YIQ	166.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

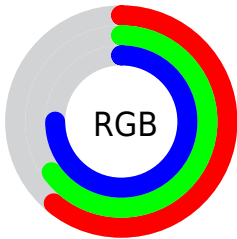
Format	Color
R _Y B	156, 164, 192
Decimal	10266560
CIE Lab	68.40, 1.45, -14.11
CIE LCh	68, 14.183, 275.872
Yxy	38.5111, 0.2830, 0.2942
Android (android.graphics.Color)	4288456640 (0xFF9CA7C0)
YUV	166.5610, 12.5414, -9.2620
Hunter-Lab	62.0573, -2.0496, -9.4419

Details

The XYZ color **37.0434, 38.5111, 55.3502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.2631, 46.6544, 38.1255**, and the grayscale version is **36.4642, 38.3632, 41.7775**.

A 20% lighter version of the original color is **69.9285, 72.8687, 99.1864**, and **16.4999, 17.0686, 26.8510** is the 20% darker color. If you saturate the color by 10%, you get **31.3000, 32.1103, 54.4181**, and if you desaturate by 10%, it is **43.6283, 45.7215, 56.3955**.

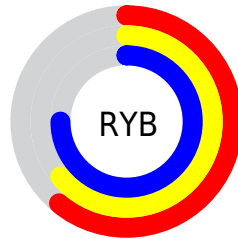
Distribution



Red (61%)

Green (65%)

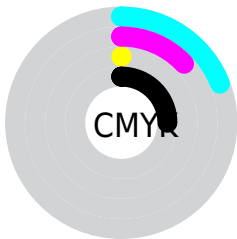
Blue (75%)



Red (61%)

Yellow (64%)

Blue (75%)

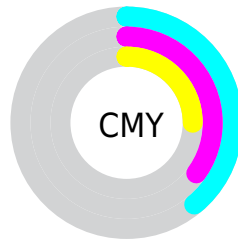


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (39%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0434, 38.5111, 55.3502 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 37.0434, 38.5111, 55.3502 by changing the saturation by 10% instead.

■ 37.0434, 38.5111,
55.3502

■ 37.0434, 38.5111,
55.3502

324.8507,
339.8074, 424.5574

■ 25.4149, 26.3796,
39.2817

■ 69.9529, 72.8908,
99.5302

■ 16.5168, 17.1078,
26.6694

■ 91.9647, 95.9079,
128.4787

■ 9.9838, 10.3114,
17.0949

118.1683,
123.3222, 162.5576

■ 5.4504, 5.6059,
10.1395

148.9290,
155.5183, 202.1855

■ 2.5513, 2.6070,
5.3847

184.6122,
192.8804, 247.7809

■ 0.9212, 0.9302,
2.4121

225.5834,

■ 0.0000, 0.0000,

235.7931, 299.7623

0.7930

272.2077,
284.6406, 358.5483

■ 0.0000, 0.0000,
0.0000

■ 37.0434, 38.5111,
55.3502

■ 37.0434, 38.5111,
55.3502

■ 31.3000, 32.1103,
54.4181

■ 43.6283, 45.7215,
56.3955

■ 26.3595, 26.4849,
53.5926

■ 51.0840, 53.7645,
57.5550

■ 22.1852, 21.6054,
52.8708

■ 59.4431, 62.6681,
58.8330

■ 18.7364, 17.4380,
52.2482

■ 68.7349, 72.4575,
60.2328

■ 15.9682, 13.9466,
51.7202

■ 78.9879, 83.1569,
61.7576

■ 13.8301, 11.0911,
51.2817

■ 84.0145, 91.5858,
63.1196

■ 12.2640, 8.8265,
50.9271

■ 86.5146, 96.5858,
63.9530

■ 11.1786, 7.0893,
50.6490

■ 11.0620, 6.9008,
50.6188

Harmonies

Analogous

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



34.8812, 38.5111, 54.1474



37.0434, 38.5111, 55.3502



39.1702, 38.5111, 52.6734

Triad

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



37.0434, 38.5111, 55.3502



40.1838, 38.5111, 35.1496



32.8337, 38.5111, 37.1168

Complementary

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



37.0434, 38.5111, 55.3502



44.2631, 46.6544, 38.1255

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.



34.1517, 38.5111, 32.7602



37.0434, 38.5111, 55.3502



38.3818, 38.5111, 31.7076

Square

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



37.0434, 38.5111, 55.3502



41.0299, 38.5111, 40.6901



36.1674, 38.5111, 30.8792



32.5078, 38.5111, 43.1990

Rectangle

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



37.0434, 38.5111, 55.3502



40.2633, 38.5111, 49.1944



36.1674, 38.5111, 30.8792



33.1727, 38.5111, 35.4221

Sweetspot

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



37.0446, 38.5127, 55.3511



82.4792, 86.5614, 102.7212



40.8602, 48.0877, 50.6302



17.5102, 18.3706, 22.0083



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.



37.0446, 38.5127, 55.3511



63.1997, 65.4367, 99.6598



36.4261, 35.3279, 54.7689



9.7738, 10.2388, 12.7460



7.5046, 4.7656, 34.0809



0.3866, 0.3306, 1.4933

Inverse Universe

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



40.6027, 37.7743, 41.7122



70.7350, 64.0403, 70.7379



44.9553, 50.4644, 38.8245



10.1971, 10.1274, 11.1285



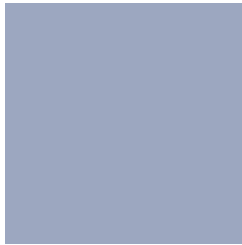
15.1839, 7.7633, 3.6146



0.6875, 0.3480, 0.3219

Previews

White Background



This preview shows how the XYZ color 37.0434, 38.5111, 55.3502 looks on a white background.

Color Contrast Check

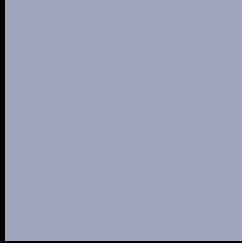
Large Text (above 18pt) WCAG AA × Fail

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 37.0434, 38.5111, 55.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

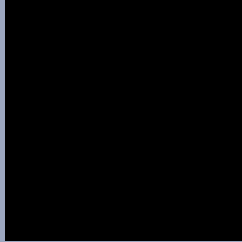
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0434, 38.5111, 55.3502

Background



This preview shows how black text looks on a background with the XYZ color 37.0434, 38.5111, 55.3502.



This preview shows how white text looks on a background with the XYZ color 37.0434, 38.5111,

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

37.0434, 38.5111, 55.3502

Protanopia

37.7594, 38.3532, 54.7030

Deuteranopia

39.1235, 38.2370, 55.7705



Tritanopia

35.9579, 38.6234, 49.8158

Trichromacy



Original Color

37.0434, 38.5111, 55.3502

Protanomaly

37.5374, 38.5076, 54.7445

Deuteranomaly

38.4181, 38.4005, 55.8393

Tritanomaly

36.3831, 38.5190, 51.9717

Monochromacy



Original Color

37.0434, 38.5111, 55.3502

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.7594, 38.5586, 46.5794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0434, 38.5111, 55.3502 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(156, 167, 192)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 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(156, 167, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.0434, 38.5111, 55.3502 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(156, 167, 192) }
```


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

```
.border{ border-color:rgb(156, 167, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 167, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 167, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 167, 192); box-shadow:4px 4px 4px 4px rgb(156, 167, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0434, 38.5111, 55.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 192) }
```

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

```
.background{ background-color: rgb(156,  
167, 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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