

Converting Colors

XYZ(38.4498, 39.7324, 57.8671)

Have a look what the booklet for
XYZ(38.4498, 39.7324, 57.8671)
contains.

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Color

**XYZ(38.4498, 39.7324,
57.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA9C4
RGB	159, 169, 196
RGB Percent	62%, 66%, 77%
CMY	0.3765, 0.3372, 0.2314
CMYK	0.19, 0.14, 0.00, 0.23
HSL	224°, 24%, 70%
HSV	224°, 19%, 77%
XYZ	38.4498, 39.7324, 57.8671
YIQ	169.0880, -14.6270, 6.2770

Conversions

Conversions Part 2

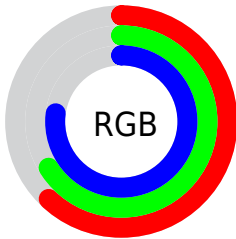
Format	Color
R _Y B	159, 167, 196
Decimal	10463684
CIE Lab	69.28, 2.21, -14.97
CIE LCh	69, 15.132, 278.399
Yxy	39.7324, 0.2826, 0.2920
Android (android.graphics.Color)	4288653764 (0xFF9FA9C4)
YUV	169.0880, 13.2676, -8.8472
Hunter-Lab	63.0336, -1.4259, -10.3068

Details

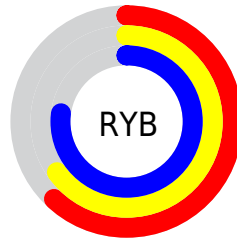
The XYZ color **38.4498, 39.7324, 57.8671** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.5820, 49.3565, 39.8733**, and the grayscale version is **37.6982, 39.6614, 43.1913**.

A 20% lighter version of the original color is **72.1168, 74.6993, 103.5459**, and **17.3072, 17.8014, 28.1150** is the 20% darker color. If you saturate the color by 10%, you get **32.3504, 32.8529, 56.8613**, and if you desaturate by 10%, it is **45.4590, 47.5150, 59.0005**.

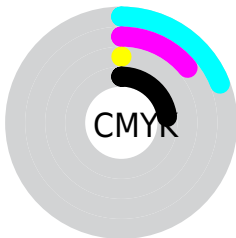
Distribution



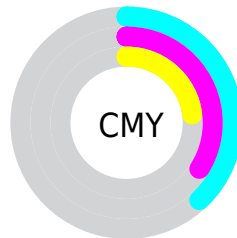
- Red (62%)
- Green (66%)
- Blue (77%)



- Red (62%)
- Yellow (65%)
- Blue (77%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4498, 39.7324, 57.8671 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 38.4498, 39.7324, 57.8671 by changing the saturation by 10% instead.

■ 38.4498, 39.7324,
57.8671

■ 38.4498, 39.7324,
57.8671

330.7932,
344.9944, 434.2750

■ 26.5108, 27.3300,
41.2878

■ 72.0965, 74.7559,
103.2422

■ 17.3408, 17.8212,
28.2227

■ 94.5349, 98.1457,
132.8750

■ 10.5746, 10.8217,
18.2531

121.2038,
125.9667, 167.6962

■ 5.8467, 5.9471,
10.9605

152.4685,
158.6034, 208.1241

■ 2.7919, 2.8129,
5.9264

188.6945,
196.4401, 254.5775

■ 1.0447, 1.0349,
2.7323

230.2470,

■ 0.0000, 0.0000,

239.8612, 307.4747

0.9596

277.4914,
289.2512, 367.2343

■ 0.0000, 0.0000,
0.0000

■ 38.4498, 39.7324,
57.8671

■ 38.4498, 39.7324,
57.8671

■ 32.3504, 32.8529,
56.8613

■ 45.4590, 47.5150,
59.0005

■ 27.1189, 26.8379,
55.9761

■ 53.4102, 56.2275,
60.2631

■ 22.7153, 21.6535,
55.2075

■ 62.3388, 65.9017,
61.6598

■ 19.0950, 17.2610,
54.5504

■ 72.2769, 76.5664,
63.1945

■ 16.2091, 13.6190,
53.9996

■ 82.5148, 87.8674,
64.8363

■ 14.0026, 10.6816,
53.5489

■ 86.9044, 96.6465,
66.2994

■ 12.4120, 8.3970,
53.1917

■ 86.9639, 96.7656,
66.3193

■ 11.3383, 6.6935,
52.9195

■ 11.2364, 6.5304,
52.8934

Harmonies

Analogous

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



36.0733, 39.7324, 56.9075



38.4498, 39.7324, 57.8671



40.7361, 39.7324, 54.5972

Triad

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



38.4498, 39.7324, 57.8671



41.5389, 39.7324, 35.4842



33.5918, 39.7324, 38.5283

Complementary

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



38.4498, 39.7324, 57.8671



46.5820, 49.3565, 39.8733

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.



34.9409, 39.7324, 33.6152



38.4498, 39.7324, 57.8671



39.5076, 39.7324, 31.9930

Square

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



38.4498, 39.7324, 57.8671



42.5689, 39.7324, 41.3400



37.0873, 39.7324, 31.3474



33.3358, 39.7324, 45.2423

Rectangle

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



38.4498, 39.7324, 57.8671



41.8778, 39.7324, 50.6454



37.0873, 39.7324, 31.3474



33.9297, 39.7324, 36.6332

Sweetspot

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



38.4510, 39.7340, 57.8680



86.1848, 90.2956, 107.4941



42.8503, 50.3761, 53.6512



18.2489, 19.1091, 22.9765



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.



38.4510, 39.7340, 57.8680



64.5009, 66.1923, 103.9846



38.3026, 36.9999, 57.3481



9.7449, 10.1812, 12.7364



7.2817, 4.3200, 34.0067



0.3739, 0.3052, 1.4891

Inverse Universe

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



42.3254, 39.3975, 42.9117



72.9685, 65.6618, 71.2511



46.7335, 52.6730, 40.5055



10.1826, 10.1216, 11.0518



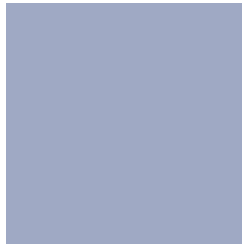
15.0715, 7.7183, 3.0224



0.6811, 0.3455, 0.2881

Previews

White Background



This preview shows how the XYZ color 38.4498, 39.7324, 57.8671 looks on a white background.

Color Contrast Check

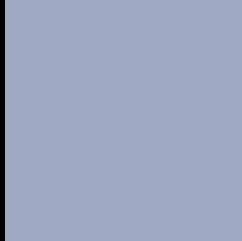
Large Text (above 18pt) WCAG AA × Fail

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 38.4498, 39.7324, 57.8671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

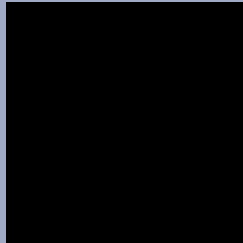
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4498, 39.7324, 57.8671

Background



This preview shows how black text looks on a background with the XYZ color 38.4498, 39.7324, 57.8671.



This preview shows how white text looks on a background with the XYZ color 38.4498, 39.7324,

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

38.4498, 39.7324, 57.8671

Protanopia

39.1628, 39.8379, 57.2551

Deuteranopia

40.5464, 39.7121, 58.3515



Tritanopia

37.2245, 39.7967, 51.6185

Trichromacy



Original Color

38.4498, 39.7324, 57.8671

Protanomaly

38.7532, 39.6268, 57.2360

Deuteranomaly

39.6506, 39.5191, 58.3615

Tritanomaly

37.6606, 39.6927, 53.8206

Monochromacy



Original Color

38.4498, 39.7324, 57.8671

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8417, 39.6299, 48.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4498, 39.7324, 57.8671 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, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(159, 169, 196)  
}
```

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, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 169, 196) }
```

Border

The CSS property to change the border of an element to XYZ 38.4498, 39.7324, 57.8671 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, 169, 196) }
```


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

```
.border{ border-color:rgb(159, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(159, 169,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4498, 39.7324, 57.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 169, 196) }
```

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

```
.background{ background-color: rgb(159,  
169, 196) }
```

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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