

Converting Colors

XYZ(36.7979, 38.3168, 56.4642)

Have a look what the booklet for
XYZ(36.7979, 38.3168, 56.4642)
contains.

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Color

**XYZ(36.8827, 38.4025,
56.5074)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA7C2
RGB	154, 167, 194
RGB Percent	60%, 65%, 76%
CMY	0.3961, 0.3451, 0.2392
CMYK	0.21, 0.14, 0.00, 0.24
HSL	220°, 25%, 68%
HSV	220°, 21%, 76%
XYZ	36.8827, 38.4025, 56.5074
YIQ	166.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

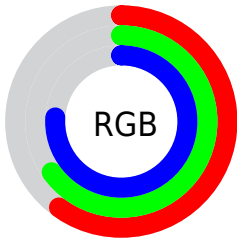
Format	Color
RYB	154, 164, 194
Decimal	10135490
CIELab	68.32, 1.26, -15.35
CIELCh	68, 15.402, 274.709
Yxy	38.4025, 0.2799, 0.2914
Android (android.graphics.Color)	4288325570 (0xFF9AA7C2)
YUV	166.1910, 13.7098, -10.6915
Hunter-Lab	61.9698, -2.2087, -10.6850

Details

The XYZ color **36.8827, 38.4025, 56.5074** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6050, 46.8500, 37.2647**, and the grayscale version is **36.2802, 38.1696, 41.5667**.

A 20% lighter version of the original color is **69.8284, 72.7629, 101.6311**, and **16.3438, 16.9797, 27.2269** is the 20% darker color. If you saturate the color by 10%, you get **31.2061, 32.0944, 55.5896**, and if you desaturate by 10%, it is **43.4013, 45.5072, 57.5358**.

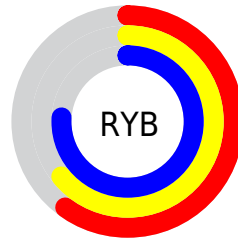
Distribution



Red (60%)

Green (65%)

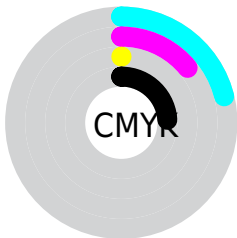
Blue (76%)



Red (60%)

Yellow (64%)

Blue (76%)

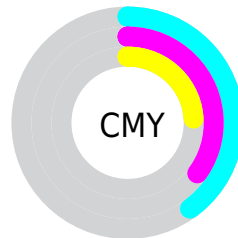


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (40%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8827, 38.4025, 56.5074 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 36.8827, 38.4025, 56.5074 by changing the saturation by 10% instead.

■ 36.8827, 38.4025,
56.5074

■ 36.8827, 38.4025,
56.5074

324.1668,
339.3434, 429.0428

■ 25.2899, 26.2952,
40.2032

■ 69.7073, 72.7246,
101.2392

■ 16.4231, 17.0446,
27.3820

■ 91.6699, 95.7083,
130.5039

■ 9.9168, 10.2663,
17.6253

117.8199,
123.0862, 164.9259

■ 5.4057, 5.5759,
10.5147

148.5225,
155.2428, 204.9235

■ 2.5244, 2.5890,
5.6315

184.1431,
192.5624, 250.9155

■ 0.9076, 0.9211,
2.5572

225.0471,

■ 0.0000, 0.0000,

235.4295, 303.3204

0.8702

271.5999,
284.2283, 362.5566

■ 0.0000, 0.0000,
0.0000

■ 36.8827, 38.4025,
56.5074

■ 36.8827, 38.4025,
56.5074

■ 31.2061, 32.0944,
55.5896

■ 43.4013, 45.5072,
57.5358

■ 26.3322, 26.5490,
54.7761

■ 50.7920, 53.4313,
58.6758

■ 22.2236, 21.7369,
54.0639

■ 59.0876, 62.2026,
59.9316

■ 18.8385, 17.6248,
53.4486

■ 68.3182, 71.8459,
61.3064

■ 16.1308, 14.1763,
52.9256

■ 78.5124, 82.3851,
62.8034

■ 14.0483, 11.3514,
52.4901

■ 83.8022, 90.8041,
64.1496

■ 12.5305, 9.1048,
52.1365

■ 86.7377, 96.6751,
65.1281

■ 11.5186, 7.4568,
51.8717

Harmonies

Analogous

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



34.5535, 38.4025, 55.0183



36.8827, 38.4025, 56.5074



39.2071, 38.4025, 53.7186

Triad

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



36.8827, 38.4025, 56.5074



40.4498, 38.4025, 34.6935



32.4633, 38.4025, 36.3889

Complementary

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



36.8827, 38.4025, 56.5074



44.6050, 46.8500, 37.2647

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.



33.9213, 38.4025, 31.8121



36.8827, 38.4025, 56.5074



38.5191, 38.4025, 30.9115

Square

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



36.8827, 38.4025, 56.5074



41.3235, 38.4025, 40.7322



36.1208, 38.4025, 29.9175



32.0680, 38.4025, 42.9143

Rectangle

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



36.8827, 38.4025, 56.5074



40.4208, 38.4025, 49.9718



36.1208, 38.4025, 29.9175



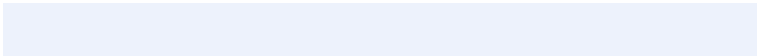
32.8421, 38.4025, 34.5958

Sweetspot

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



36.8839, 38.4041, 56.5083



84.4880, 88.7528, 105.1478



40.9252, 48.7768, 50.7955



18.3084, 19.2281, 22.9964



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.



36.8839, 38.4041, 56.5083



61.7224, 63.9392, 101.5582



35.9248, 34.5495, 55.8148



9.7897, 10.2707, 12.7513



7.6400, 5.0365, 34.1261



0.3937, 0.3449, 1.4957

Inverse Universe

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



40.7797, 37.3714, 41.6251



70.1928, 61.9659, 69.1374



45.7003, 51.5242, 38.1091



10.2052, 10.1307, 11.1709



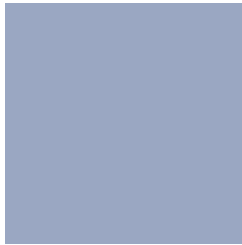
15.2523, 7.7907, 3.9747



0.6911, 0.3495, 0.3409

Previews

White Background



This preview shows how the XYZ color 36.8827, 38.4025, 56.5074 looks on a white background.

Color Contrast Check

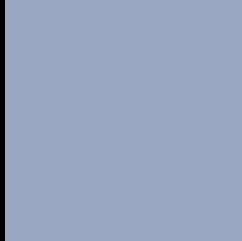
Large Text (above 18pt) WCAG AA × Fail

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 36.8827, 38.4025, 56.5074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

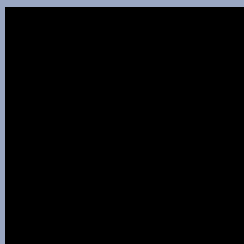
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

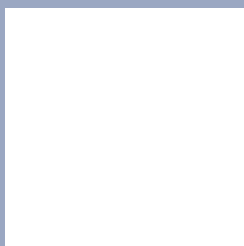
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8827, 38.4025, 56.5074

Background



This preview shows how black text looks on a background with the XYZ color 36.8827, 38.4025, 56.5074.



This preview shows how white text looks on a background with the XYZ color 36.8827, 38.4025,

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

36.8827, 38.4025, 56.5074

Protanopia

37.7787, 38.3376, 55.8608

Deuteranopia

39.1328, 38.2158, 56.9436



Tritanopia

35.5804, 38.4287, 49.7982

Trichromacy



Original Color

36.8827, 38.4025, 56.5074

Protanomaly

37.3624, 38.3918, 55.8932

Deuteranomaly

38.4356, 38.3836, 57.0128

Tritanomaly

36.0024, 38.3227, 51.9539

Monochromacy



Original Color

36.8827, 38.4025, 56.5074

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.3730, 38.0884, 46.5090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8827, 38.4025, 56.5074 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, 167, 194)` looks like.

```
.text, #text, p{  
    color:rgb(154, 167, 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, 167, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 167, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.8827, 38.4025, 56.5074 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, 167, 194) }
```


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

```
.border{ border-color:rgb(154, 167, 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, 167, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 167, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 167, 194);  
box-shadow:4px 4px 4px 4px rgb(154, 167,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8827, 38.4025, 56.5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 167, 194) }
```

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

```
.background{ background-color: rgb(154,  
167, 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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