

Converting Colors

XYZ(39.4251, 38.3199, 66.2022)

Have a look what the booklet for
XYZ(39.4251, 38.3199, 66.2022)
contains.

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Color

**XYZ(39.4280, 38.4246,
66.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A3D2
RGB	161, 163, 210
RGB Percent	63%, 64%, 82%
CMY	0.3686, 0.3608, 0.1765
CMYK	0.23, 0.22, 0.00, 0.18
HSL	238°, 35%, 73%
HSV	238°, 23%, 82%
XYZ	39.4280, 38.4246, 66.3114
YIQ	167.7600, -16.2790, 14.1930

Conversions

Conversions Part 2

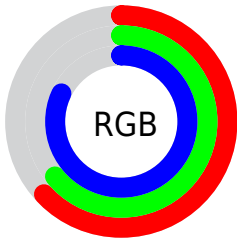
Format	Color
RYB	161, 163, 210
Decimal	10593234
CIELab	68.33, 9.40, -24.13
CIELCh	68, 25.892, 291.283
Yxy	38.4246, 0.2735, 0.2665
Android (android.graphics.Color)	4288783314 (0xFFA1A3D2)
YUV	167.7600, 20.8243, -5.9285
Hunter-Lab	61.9876, 5.0590, -20.0344

Details

The XYZ color **39.4280, 38.4246, 66.3114** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.5677, 61.3868, 42.6395**, and the grayscale version is **37.0097, 38.9371, 42.4025**.

A 20% lighter version of the original color is **71.4403, 71.9617, 104.7324**, and **17.7852, 16.9236, 33.3395** is the 20% darker color. If you saturate the color by 10%, you get **32.2502, 29.8321, 65.0318**, and if you desaturate by 10%, it is **47.8886, 48.5258, 67.8159**.

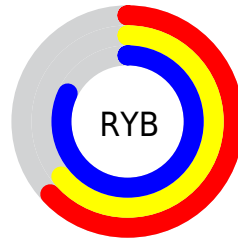
Distribution



Red (63%)

Green (64%)

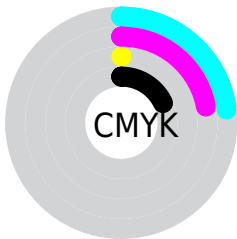
Blue (82%)



Red (63%)

Yellow (64%)

Blue (82%)

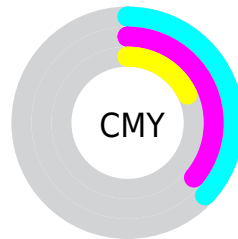


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (37%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4280, 38.4246, 66.3114 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 39.4280, 38.4246, 66.3114 by changing the saturation by 10% instead.

■ 39.4280, 38.4246,
66.3114

■ 39.4280, 38.4246,
66.3114

334.8827,
339.4379, 465.9243

■ 27.2751, 26.3124,
48.0672

■ 73.5816, 72.7585,
115.5644

■ 17.9176, 17.0575,
33.5197

■ 96.3130, 95.7489,
147.4103

■ 10.9902, 10.2755,
22.2505

123.3012,
123.1343, 184.6271

■ 6.1275, 5.5820,
13.8410

154.9116,
155.2989, 227.6334

■ 2.9641, 2.5926,
7.8727

191.5097,
192.6271, 276.8477

■ 1.1348, 0.9230,
3.9270

233.4606,

■ 0.0540, 0.0000,

235.5035, 332.6886

1.5854

281.1298,
284.3123, 395.5746

■ 0.0000, 0.0000,
0.2803

■ 0.0000, 0.0000,
0.0000

■ 39.4280, 38.4246,
66.3114

■ 39.4280, 38.4246,
66.3114

■ 32.2502, 29.8321,
65.0318

■ 47.8886, 48.5258,
67.8159

■ 26.2891, 22.6715,
63.9639

■ 57.6864, 60.1983,
69.5525

■ 21.4784, 16.8664,
63.0969

■ 68.8773, 73.5069,
71.5315

■ 17.7438, 12.3312,
62.4184

■ 81.5127, 88.5111,
73.7616

■ 15.0025, 8.9710,
61.9143

■ 88.6330, 97.4332,
75.1085

■ 13.1594, 6.6770,
61.5687

■ 12.1011, 5.3206,
61.3626

■ 11.7261, 4.8394,
61.2895

Harmonies

Analogous

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



35.3513, 38.4246, 68.0474



39.4280, 38.4246, 66.3114



42.9553, 38.4246, 57.4329

Triad

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



39.4280, 38.4246, 66.3114



41.6236, 38.4246, 26.7096



29.3377, 38.4246, 38.5409

Complementary

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



39.4280, 38.4246, 66.3114



55.5677, 61.3868, 42.6395

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.



30.7644, 38.4246, 29.3571



39.4280, 38.4246, 66.3114



37.7171, 38.4246, 23.4057

Square

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



39.4280, 38.4246, 66.3114



44.2868, 38.4246, 34.2383



33.7613, 38.4246, 24.2759



29.7214, 38.4246, 50.4862

Rectangle

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



39.4280, 38.4246, 66.3114



44.4228, 38.4246, 49.4280



33.7613, 38.4246, 24.2759



29.6173, 38.4246, 35.0675

Sweetspot

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



39.4292, 38.4261, 66.3123



83.5645, 86.3290, 106.8666



49.0753, 58.2030, 68.0331



17.6850, 18.2383, 22.8382



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.



39.4292, 38.4261, 66.3123



55.3893, 52.6966, 101.8599



43.9191, 40.2174, 66.4214



11.2018, 11.4940, 14.8718



7.1705, 2.9876, 37.3912



0.4148, 0.1949, 2.0953

Inverse Universe

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



45.9351, 41.8369, 40.3063



67.2154, 58.9422, 54.5768



50.2072, 59.3522, 42.5293



11.8280, 11.8159, 12.3702



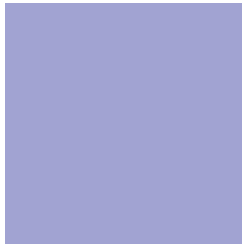
16.2501, 8.3729, 0.9570



0.9156, 0.4710, 0.0905

Previews

White Background



This preview shows how the XYZ color 39.4280, 38.4246, 66.3114 looks on a white background.

Color Contrast Check

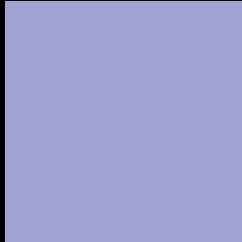
Large Text (above 18pt) WCAG AA × Fail

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 39.4280, 38.4246, 66.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

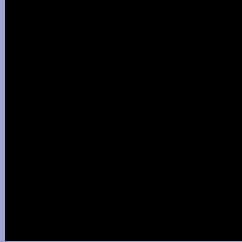
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4280, 38.4246, 66.3114

Background



This preview shows how black text looks on a background with the XYZ color 39.4280, 38.4246, 66.3114.



This preview shows how white text looks on a background with the XYZ color 39.4280, 38.4246,

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

39.4280, 38.4246, 66.3114

Protanopia

38.7306, 38.5820, 67.0338

Deuteranopia

39.2273, 38.3211, 66.3020



Tritanopia

36.1564, 38.4506, 49.7720

Trichromacy



Original Color

39.4280, 38.4246, 66.3114

Protanomaly

38.9380, 38.4222, 66.9920

Deuteranomaly

39.2273, 38.3211, 66.3020

Tritanomaly

37.2512, 38.3473, 55.3076

Monochromacy



Original Color

39.4280, 38.4246, 66.3114

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.7005, 38.6907, 50.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4280, 38.4246, 66.3114 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(161, 163, 210)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 210)  
}
```

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(161, 163, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 210) }
```

Border

The CSS property to change the border of an element to XYZ 39.4280, 38.4246, 66.3114 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(161, 163, 210) }
```


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

```
.border{ border-color:rgb(161, 163, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 163, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 210);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4280, 38.4246, 66.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 210) }
```

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

```
.background{ background-color: rgb(161,  
163, 210) }
```

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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