

Converting Colors

XYZ(38.1079, 37.2638, 64.2156)

Have a look what the booklet for
XYZ(38.1079, 37.2638, 64.2156)
contains.

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Color

**XYZ(38.1079, 37.2638,
64.2156)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA1CF
RGB	158, 161, 207
RGB Percent	62%, 63%, 81%
CMY	0.3804, 0.3686, 0.1882
CMYK	0.24, 0.22, 0.00, 0.19
HSL	236°, 34%, 72%
HSV	236°, 24%, 81%
XYZ	38.1079, 37.2638, 64.2156
YIQ	165.3470, -16.5540, 13.6700

Conversions

Conversions Part 2

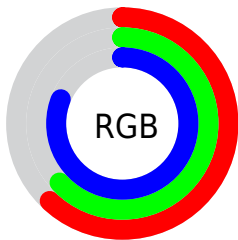
Format	Color
R_{YB}	158, 161, 207
Decimal	10396111
CIE Lab	67.47, 8.89, -23.80
CIE LCh	67, 25.406, 290.475
Yxy	37.2638, 0.2730, 0.2670
Android (android.graphics.Color)	4288586191 (0xFF9EA1CF)
YUV	165.3470, 20.5349, -6.4433
Hunter-Lab	61.0441, 4.6048, -19.6395

Details

The XYZ color **38.1079, 37.2638, 64.2156** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.4971, 58.9201, 40.9020**, and the grayscale version is **35.8418, 37.7084, 41.0644**.

A 20% lighter version of the original color is **70.0464, 70.4779, 104.5195**, and **17.2696, 16.5159, 32.4147** is the 20% darker color. If you saturate the color by 10%, you get **31.2381, 29.0676, 62.9963**, and if you desaturate by 10%, it is **46.1937, 46.8721, 65.6446**.

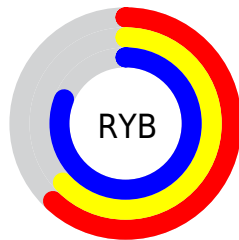
Distribution



Red (62%)

Green (63%)

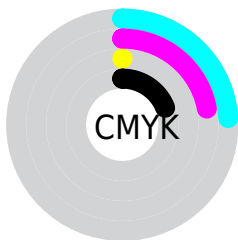
Blue (81%)



Red (62%)

Yellow (63%)

Blue (81%)

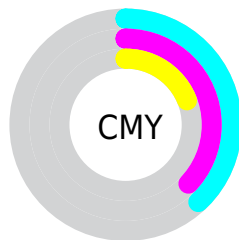


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (38%)

Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1079, 37.2638, 64.2156 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 38.1079, 37.2638, 64.2156 by changing the saturation by 10% instead.

■ 38.1079, 37.2638,
64.2156

■ 38.1079, 37.2638,
64.2156

329.3555,
334.4512, 458.1966

■ 26.2440, 25.4118,
46.3780

■ 71.5763, 70.9783,
112.5238

■ 17.1399, 16.3841,
32.1934

■ 93.9116, 93.6096,
143.8316

■ 10.4302, 9.7964,
21.2432

120.4680,
120.6029, 180.4664

■ 5.7496, 5.2642,
13.1089

151.6110,
152.3424, 222.8470

■ 2.7326, 2.4031,
7.3720

187.7059,
189.2126, 271.3917

■ 1.0140, 0.8275,
3.6139

229.1180,

■ 0.0000, 0.0000,

231.5978, 326.5192

1.4160

276.2128,
279.8826, 388.6480

■ 0.0000, 0.0000,
0.1541

■ 0.0000, 0.0000,
0.0000

■ 38.1079, 37.2638,
64.2156

■ 38.1079, 37.2638,
64.2156

■ 31.2381, 29.0676,
62.9963

■ 46.1937, 46.8721,
65.6446

■ 25.5220, 22.2126,
61.9744

■ 55.5465, 57.9498,
67.2899

■ 20.8973, 16.6287,
61.1403

■ 66.2189, 70.5567,
69.1608

■ 17.2943, 12.2376,
60.4827

■ 78.2593, 84.7478,
71.2653

■ 14.6355, 8.9522,
59.9887

■ 88.2626, 97.2850,
73.1580

■ 12.8318, 6.6738,
59.6439

■ 11.7772, 5.2857,
59.4316

■ 11.4024, 4.7847,
59.3547

Harmonies

Analogous

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



34.1911, 37.2638, 65.6677



38.1079, 37.2638, 64.2156



41.5261, 37.2638, 55.8421

Triad

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



38.1079, 37.2638, 64.2156



40.4106, 37.2638, 26.1544



28.5223, 37.2638, 37.1213

Complementary

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



38.1079, 37.2638, 64.2156



53.4971, 58.9201, 40.9020

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.



29.9405, 37.2638, 28.3782



38.1079, 37.2638, 64.2156



36.6742, 37.2638, 22.8584

Square

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



38.1079, 37.2638, 64.2156



42.9219, 37.2638, 33.5124



32.8580, 37.2638, 23.5899



28.8442, 37.2638, 48.5638

Rectangle

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



38.1079, 37.2638, 64.2156



42.9703, 37.2638, 48.1871



32.8580, 37.2638, 23.5899



28.8071, 37.2638, 33.8081

Sweetspot

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



38.1091, 37.2653, 64.2164



83.6705, 86.5411, 106.9019



47.2813, 56.2424, 65.3237



17.7095, 18.2872, 22.8463



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.



38.1091, 37.2653, 64.2164



55.6989, 53.3158, 101.9631



42.1347, 38.5714, 64.2564



11.2210, 11.5322, 14.8782



7.2077, 3.0621, 37.4036



0.4239, 0.2129, 2.0983

Inverse Universe

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



44.3930, 40.2934, 39.1574



67.3717, 59.0047, 55.3997



48.6783, 57.5049, 40.8828



11.8377, 11.8198, 12.4210



16.2689, 8.3804, 1.0561



0.9202, 0.4728, 0.1145

Previews

White Background



This preview shows how the XYZ color 38.1079, 37.2638, 64.2156 looks on a white background.

Color Contrast Check

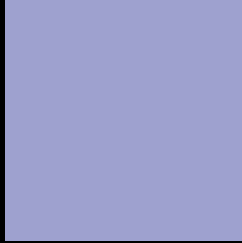
Large Text (above 18pt) WCAG AA × Fail

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 38.1079, 37.2638, 64.2156 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 38.1079, 37.2638, 64.2156

Background



This preview shows how black text looks on a background with the XYZ color 38.1079, 37.2638, 64.2156.



This preview shows how white text looks on a background with the XYZ color 38.1079, 37.2638,

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

38.1079, 37.2638, 64.2156

Protanopia

37.4424, 37.1670, 64.8750

Deuteranopia

38.1079, 37.2638, 64.2156



Tritanopia

34.9098, 37.2994, 48.0074

Trichromacy



Original Color

38.1079, 37.2638, 64.2156

Protanomaly

37.8231, 37.3633, 64.8929

Deuteranomaly

38.1079, 37.2638, 64.2156

Tritanomaly

35.9783, 37.1936, 53.4269

Monochromacy



Original Color

38.1079, 37.2638, 64.2156

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4140, 37.5276, 48.5043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1079, 37.2638, 64.2156 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(158, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 207)  
}
```

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(158, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 207) }
```

Border

The CSS property to change the border of an element to XYZ 38.1079, 37.2638, 64.2156 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(158, 161, 207) }
```


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

```
.border{ border-color:rgb(158, 161, 207) }
```

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

Here you see how a box with a 4 pixel rgb(158, 161, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1079, 37.2638, 64.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 207) }
```

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

```
.background{ background-color: rgb(158,  
161, 207) }
```

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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