

Converting Colors

XYZ(38.7822, 39.1744, 58.3351)

Have a look what the booklet for
XYZ(38.7822, 39.1744, 58.3351)
contains.

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Color

**XYZ(38.6146, 38.9850,
58.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A6C5
RGB	162, 166, 197
RGB Percent	64%, 65%, 77%
CMY	0.3647, 0.3490, 0.2274
CMYK	0.18, 0.16, 0.00, 0.23
HSL	233°, 23%, 70%
HSV	233°, 18%, 77%
XYZ	38.6146, 38.9850, 58.3130
YIQ	168.3380, -12.3350, 8.7930

Conversions

Conversions Part 2

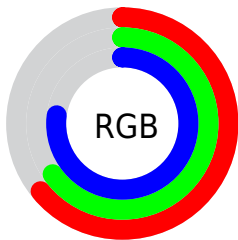
Format	Color
RYB	162, 166, 197
Decimal	10659525
CIELab	68.74, 5.06, -16.31
CIELCh	69, 17.079, 287.224
Yxy	38.9850, 0.2841, 0.2868
Android (android.graphics.Color)	4288849605 (0xFFA2A6C5)
YUV	168.3380, 14.1304, -5.5584
Hunter-Lab	62.4380, 1.1264, -11.6664

Details

The XYZ color **38.6146, 38.9850, 58.3130** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.6180, 52.6191, 41.7776**, and the grayscale version is **37.3235, 39.2673, 42.7620**.

A 20% lighter version of the original color is **72.3611, 73.6204, 104.1622**, and **17.4056, 17.3328, 28.4148** is the 20% darker color. If you saturate the color by 10%, you get **31.9627, 31.1633, 57.1545**, and if you desaturate by 10%, it is **46.3261, 47.9937, 59.6460**.

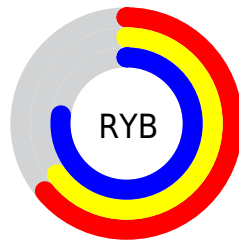
Distribution



Red (64%)

Green (65%)

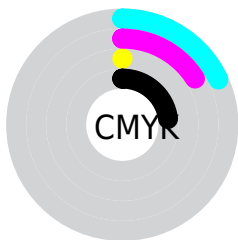
Blue (77%)



Red (64%)

Yellow (65%)

Blue (77%)

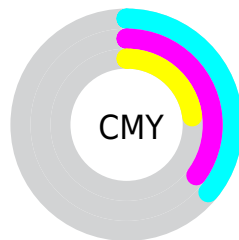


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (36%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6146, 38.9850, 58.3130 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 38.6146, 38.9850, 58.3130 by changing the saturation by 10% instead.

■ 38.6146, 38.9850,
58.3130

■ 38.6146, 38.9850,
58.3130

331.4846,
341.8267, 435.9820

■ 26.6394, 26.7481,
41.6440

■ 72.3470, 73.6154,
103.8978

■ 17.4378, 17.3841,
28.4991

■ 94.8350, 96.7777,
133.6506

■ 10.6443, 10.5087,
18.4599

121.5579,
124.3505, 168.6018

■ 5.8937, 5.7375,
11.1079

152.8812,
156.7182, 209.1699

■ 2.8206, 2.6862,
6.0243

189.1701,
194.2653, 255.7734

■ 1.0596, 0.9702,
2.7909

230.7901,

■ 0.0000, 0.0000,

237.3762, 308.8309

0.9889

278.1065,
286.4352, 368.7610

■ 0.0000, 0.0000,
0.0000

■ 38.6146, 38.9850,
58.3130

■ 38.6146, 38.9850,
58.3130

■ 31.9627, 31.1633,
57.1545

■ 46.3261, 47.9937,
59.6460

■ 26.3205, 24.4744,
56.1608

■ 55.1372, 58.2311,
61.1577

■ 21.6394, 18.8670,
55.3252

■ 65.0899, 69.7428,
62.8551

■ 17.8655, 14.2839,
54.6394

■ 76.2231, 82.5705,
64.7443

■ 14.9392, 10.6625,
54.0947

■ 86.5203, 95.6956,
66.7350

■ 12.7940, 7.9336,
53.6810

■ 87.0782, 96.8113,
66.9209

■ 11.3530, 6.0182,
53.3872

■ 10.5120, 4.8172,
53.1997

■ 10.3751, 4.6252,
53.1699

Harmonies

Analogous

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



35.9165, 38.9850, 58.6834



38.6146, 38.9850, 58.3130



41.0018, 38.9850, 53.3813

Triad

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



38.6146, 38.9850, 58.3130



40.6973, 38.9850, 32.4322



32.2126, 38.9850, 39.2406

Complementary

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



38.6146, 38.9850, 58.3130



48.6180, 52.6191, 41.7776

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.



33.3683, 38.9850, 33.1199



38.6146, 38.9850, 58.3130



38.2154, 38.9850, 29.5227

Square

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



38.6146, 38.9850, 58.3130



42.2437, 38.9850, 38.1909



35.5362, 38.9850, 29.7581



32.3079, 38.9850, 47.0103

Rectangle

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



38.6146, 38.9850, 58.3130



42.0561, 38.9850, 48.4755



35.5362, 38.9850, 29.7581



32.4653, 38.9850, 36.9422

Sweetspot

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



38.6158, 38.9866, 58.3139



87.0166, 90.6670, 107.5220



44.4838, 51.4612, 57.9925



18.3923, 19.1356, 22.9741



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.



38.6158, 38.9866, 58.3139



64.7102, 64.6032, 103.6668



40.7722, 39.0353, 58.2096



10.1527, 10.4795, 13.4051



6.8559, 3.1057, 34.9825



0.3582, 0.2141, 1.6676

Inverse Universe

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



42.8303, 40.4653, 41.6312



73.5642, 67.7764, 68.6036



46.1562, 52.6809, 41.9193



10.6824, 10.6563, 11.3106



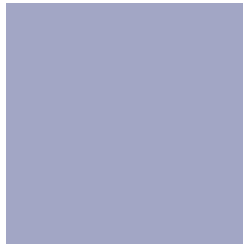
15.2599, 7.8535, 1.3124



0.7395, 0.3786, 0.1513

Previews

White Background



This preview shows how the XYZ color 38.6146, 38.9850, 58.3130 looks on a white background.

Color Contrast Check

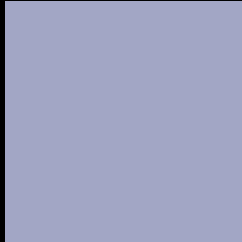
Large Text (above 18pt) WCAG AA × Fail

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 38.6146, 38.9850, 58.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

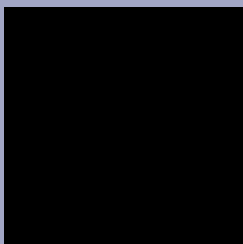
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

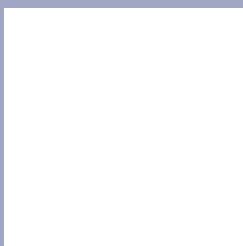
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6146, 38.9850, 58.3130

Background



This preview shows how black text looks on a background with the XYZ color 38.6146, 38.9850, 58.3130.



This preview shows how white text looks on a background with the XYZ color 38.6146, 38.9850,

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

38.6146, 38.9850, 58.3130

Protanopia

38.4122, 38.8807, 58.3035

Deuteranopia

39.7157, 39.0172, 58.2611



Tritanopia

36.9295, 39.1243, 49.8613

Trichromacy



Original Color

38.6146, 38.9850, 58.3130

Protanomaly

38.4122, 38.8807, 58.3035

Deuteranomaly

39.2591, 39.0485, 58.2913

Tritanomaly

37.4695, 39.0667, 52.5795

Monochromacy



Original Color

38.6146, 38.9850, 58.3130

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.6813, 38.9991, 48.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6146, 38.9850, 58.3130 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(162, 166, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 197)  
}
```

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(162, 166, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.6146, 38.9850, 58.3130 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(162, 166, 197) }
```


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

```
.border{ border-color:rgb(162, 166, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6146, 38.9850, 58.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 197) }
```

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

```
.background{ background-color: rgb(162,  
166, 197) }
```

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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