

Converting Colors

XYZ(38.3714, 38.6546, 58.6471)

Have a look what the booklet for
XYZ(38.3714, 38.6546, 58.6471)
contains.

XYZ(38.3461, 38.5646, 58.8487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3461, 38.5646,
58.8487)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5C6
RGB	161, 165, 198
RGB Percent	63%, 65%, 78%
CMY	0.3686, 0.3529, 0.2235
CMYK	0.19, 0.17, 0.00, 0.22
HSL	234°, 25%, 70%
HSV	234°, 19%, 78%
XYZ	38.3461, 38.5646, 58.8487
YIQ	167.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

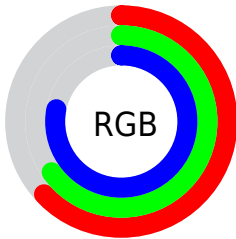
Format	Color
R _Y B	161, 165, 198
Decimal	10593734
CIE Lab	68.43, 5.51, -17.34
CIE LCh	68, 18.192, 287.646
Yxy	38.5646, 0.2825, 0.2841
Android (android.graphics.Color)	4288783814 (0xFFA1A5C6)
YUV	167.5660, 15.0040, -5.7584
Hunter-Lab	62.1004, 1.5455, -12.7152

Details

The XYZ color **38.3461, 38.5646, 58.8487** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0137, 53.1623, 41.3971**, and the grayscale version is **36.9413, 38.8651, 42.3241**.

A 20% lighter version of the original color is **71.9621, 73.0053, 104.9064**, and **17.2458, 17.0751, 28.7724** is the 20% darker color. If you saturate the color by 10%, you get **31.6995, 30.7327, 57.6879**, and if you desaturate by 10%, it is **46.0667, 47.6049, 60.1874**.

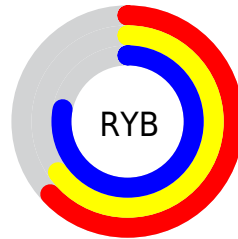
Distribution



Red (63%)

Green (65%)

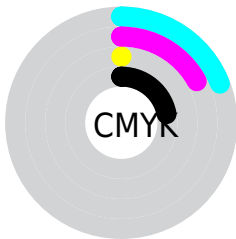
Blue (78%)



Red (63%)

Yellow (65%)

Blue (78%)

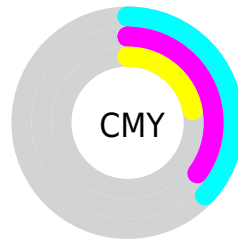


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3461, 38.5646, 58.8487 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 38.3461, 38.5646, 58.8487 by changing the saturation by 10% instead.

■ 38.3461, 38.5646,
58.8487

■ 38.3461, 38.5646,
58.8487

330.3576,
340.0358, 438.0272

■ 26.4298, 26.4212,
42.0721

■ 71.9388, 72.9727,
104.6847

■ 17.2799, 17.1390,
28.8318

■ 94.3459, 96.0062,
134.5812

■ 10.5308, 10.3336,
18.7091

120.9808,
123.4385, 169.6881

■ 5.8172, 5.6207,
11.2856

152.2086,
155.6539, 210.4239

■ 2.7739, 2.6159,
6.1427

188.3949,
193.0370, 257.2072

■ 1.0353, 0.9346,
2.8619

229.9049,

■ 0.0000, 0.0000,

235.9721, 310.4565

1.0245

277.1040,
284.8436, 370.5903

■ 0.0000, 0.0000,
0.0000

■ 38.3461, 38.5646,
58.8487

■ 38.3461, 38.5646,
58.8487

■ 31.6995, 30.7327,
57.6879

■ 46.0667, 47.6049,
60.1874

■ 26.0758, 24.0534,
56.6951

■ 54.9023, 57.8969,
61.7082

■ 21.4249, 18.4735,
55.8632

■ 64.8962, 69.4877,
63.4187

■ 17.6913, 13.9336,
55.1837

■ 76.0882, 82.4203,
65.3251

■ 14.8136, 10.3690,
54.6473

■ 86.6519, 95.7748,
67.3460

■ 12.7230, 7.7072,
54.2437

■ 87.1932, 96.8573,
67.5264

■ 11.3396, 5.8658,
53.9612

■ 10.5469, 4.7365,
53.7850

■ 10.4690, 4.6290,
53.7684

Harmonies

Analogous

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



35.4910, 38.5646, 59.3211



38.3461, 38.5646, 58.8487



40.8684, 38.5646, 53.5136

Triad

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



38.3461, 38.5646, 58.8487



40.4837, 38.5646, 31.3983



31.5431, 38.5646, 38.7116

Complementary

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



38.3461, 38.5646, 58.8487



49.0137, 53.1623, 41.3971

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.



32.7407, 38.5646, 32.2527



38.3461, 38.5646, 58.8487



37.8431, 38.5646, 28.4137

Square

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



38.3461, 38.5646, 58.8487



42.1459, 38.5646, 37.3968



35.0134, 38.5646, 28.7047



31.6621, 38.5646, 46.9453

Rectangle

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



38.3461, 38.5646, 58.8487



41.9767, 38.5646, 48.2663



35.0134, 38.5646, 28.7047



31.8023, 38.5646, 36.2833

Sweetspot

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



38.3473, 38.5662, 58.8496



85.4439, 88.8137, 107.2471



44.5948, 51.8467, 58.5103



18.0743, 18.7600, 22.9184



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.



38.3473, 38.5662, 58.8496



63.4004, 62.9958, 103.4256



40.6591, 38.7030, 58.7541



10.1475, 10.4691, 13.4034



6.8395, 3.0730, 34.9770



0.3558, 0.2094, 1.6668

Inverse Universe

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



42.8260, 40.2130, 41.1039



72.6560, 66.4671, 66.7375



46.3511, 53.1298, 41.5312



10.6797, 10.6553, 11.2968



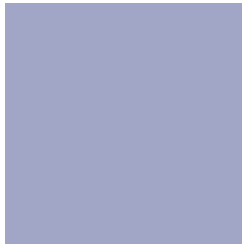
15.2516, 7.8502, 1.2689



0.7383, 0.3782, 0.1450

Previews

White Background



This preview shows how the XYZ color 38.3461, 38.5646, 58.8487 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 38.3461, 38.5646, 58.8487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

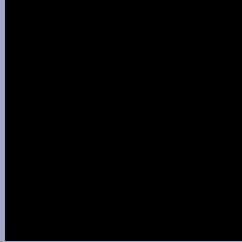
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3461, 38.5646, 58.8487

Background



This preview shows how black text looks on a background with the XYZ color 38.3461, 38.5646, 58.8487.



This preview shows how white text looks on a background with the XYZ color 38.3461, 38.5646,

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

38.3461, 38.5646, 58.8487

Protanopia

38.1454, 38.4611, 58.8393

Deuteranopia

39.2266, 38.4871, 58.7874



Tritanopia

36.4437, 38.6106, 49.2479

Trichromacy



Original Color

38.3461, 38.5646, 58.8487

Protanomaly

38.1454, 38.4611, 58.8393

Deuteranomaly

38.9856, 38.6275, 58.8272

Tritanomaly

37.0864, 38.5962, 52.5089

Monochromacy



Original Color

38.3461, 38.5646, 58.8487

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4724, 38.8914, 48.1796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3461, 38.5646, 58.8487 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, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 198)  
}
```

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, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 38.3461, 38.5646, 58.8487 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, 165, 198) }
```


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

```
.border{ border-color:rgb(161, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3461, 38.5646, 58.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 198) }
```

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

```
.background{ background-color: rgb(161,  
165, 198) }
```

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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