

Converting Colors

XYZ(40.5411, 41.0554, 58.3762)

Have a look what the booklet for
XYZ(40.5411, 41.0554, 58.3762)
contains.

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Color

**XYZ(40.6012, 41.1055,
58.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AAC5
RGB	168, 170, 197
RGB Percent	66%, 67%, 77%
CMY	0.3412, 0.3333, 0.2274
CMYK	0.15, 0.14, 0.00, 0.23
HSL	236°, 20%, 72%
HSV	236°, 15%, 77%
XYZ	40.6012, 41.1055, 58.6176
YIQ	172.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

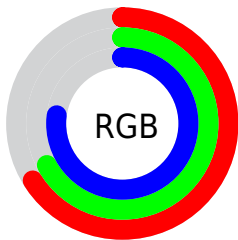
Format	Color
R _Y B	168, 170, 197
Decimal	11053765
CIE Lab	70.25, 4.80, -13.99
CIE LCh	70, 14.792, 288.919
Yxy	41.1055, 0.2893, 0.2929
Android (android.graphics.Color)	4289243845 (0xFFA8AAC5)
YUV	172.4800, 12.0884, -3.9290
Hunter-Lab	64.1136, 0.8399, -9.3280

Details

The XYZ color **40.6012, 41.1055, 58.6176** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6092, 53.7274, 44.8024**, and the grayscale version is **39.4011, 41.4530, 45.1424**.

A 20% lighter version of the original color is **75.2460, 76.6942, 104.6035**, and **18.6388, 18.6530, 28.6046** is the 20% darker color. If you saturate the color by 10%, you get **33.5193, 32.7029, 57.3696**, and if you desaturate by 10%, it is **48.8006, 50.7984, 60.0570**.

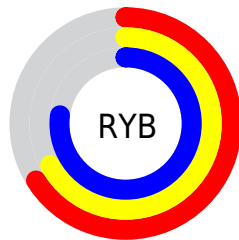
Distribution



Red (66%)

Green (67%)

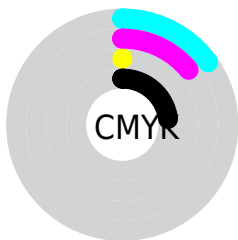
Blue (77%)



Red (66%)

Yellow (67%)

Blue (77%)

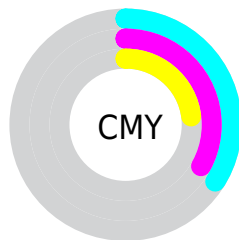


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (33%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6012, 41.1055, 58.6176 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 40.6012, 41.1055, 58.6176 by changing the saturation by 10% instead.

■ 40.6012, 41.1055,
58.6176

■ 40.6012, 41.1055,
58.6176

339.7422,
350.7614, 437.1457

■ 28.1939, 28.4015,
41.8874

■ 75.3567, 76.8440,
104.3453

■ 18.6131, 18.6286,
28.6882

■ 98.4355, 100.6474,
134.1799

■ 11.4934, 11.4022,
18.6015

125.8023,
128.9193, 169.2197

■ 6.4694, 6.3380,
11.2088

157.8224,
162.0442, 209.8833

■ 3.1759, 3.0517,
6.0915

194.8610,
200.4064, 256.5891

■ 1.2475, 1.1588,
2.8311

237.2836,

■ 0.1434, 0.0277,

244.3904, 309.7557

1.0091

285.4556,
294.3806, 369.8018

■ 0.0000, 0.0000,
0.0000

■ 40.6012, 41.1055,
58.6176

■ 40.6012, 41.1055,
58.6176

■ 33.5193, 32.7029,
57.3696

■ 48.8006, 50.7984,
60.0570

■ 27.5030, 25.5311,
56.3025

■ 58.1591, 61.8273,
61.6926

■ 22.5016, 19.5340,
55.4085

■ 68.7206, 74.2421,
63.5322

■ 18.4592, 14.6488,
54.6786

■ 80.5258, 88.0886,
65.5827

■ 15.3142, 10.8070,
54.1028

■ 87.0782, 96.8113,
66.9209

■ 12.9978, 7.9323,
53.6700

■ 11.4312, 5.9382,
53.3677

■ 10.5205, 4.7225,
53.1811

■ 10.2299, 4.3347,
53.1215

Harmonies

Analogous

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



38.1801, 41.1055, 59.1850



40.6012, 41.1055, 58.6176



42.6913, 41.1055, 54.1197

Triad

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



40.6012, 41.1055, 58.6176



42.2149, 41.1055, 35.4254



34.6693, 41.1055, 42.2387

Complementary

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



40.6012, 41.1055, 58.6176



49.6092, 53.7274, 44.8024

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.



35.6586, 41.1055, 36.5415



40.6012, 41.1055, 58.6176



39.9727, 41.1055, 32.8877

Square

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



40.6012, 41.1055, 58.6176



43.6493, 41.1055, 40.5646



37.5769, 41.1055, 33.2740



34.8219, 41.1055, 49.2285

Rectangle

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



40.6012, 41.1055, 58.6176



43.5845, 41.1055, 49.7348



37.5769, 41.1055, 33.2740



34.8777, 41.1055, 40.1227

Sweetspot

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



40.6024, 41.1072, 58.6185



88.4416, 92.2069, 107.7441



45.9187, 52.1794, 59.0353



18.6724, 19.4319, 23.0165



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.



40.6024, 41.1072, 58.6185



67.9836, 68.0115, 104.1522



42.9233, 41.7507, 58.6204



10.1145, 10.4031, 13.3924



6.7516, 2.8971, 34.9477



0.3406, 0.1791, 1.6618

Inverse Universe

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



44.2853, 42.7788, 43.9552



75.9826, 71.6771, 72.2958



47.0224, 53.0643, 44.8107



10.6631, 10.6486, 11.2091



15.2072, 7.8324, 1.0351



0.7306, 0.3751, 0.1047

Previews

White Background



This preview shows how the XYZ color 40.6012, 41.1055, 58.6176 looks on a white background.

Color Contrast Check

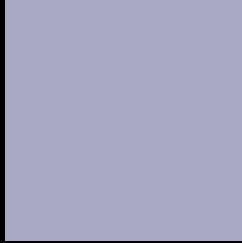
Large Text (above 18pt) WCAG AA × Fail

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 40.6012, 41.1055, 58.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

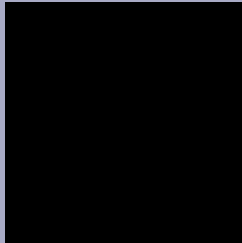
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6012, 41.1055, 58.6176

Background



This preview shows how black text looks on a background with the XYZ color 40.6012, 41.1055, 58.6176.



This preview shows how white text looks on a background with the XYZ color 40.6012, 41.1055,

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

40.6012, 41.1055, 58.6176

Protanopia

40.3891, 40.9962, 58.6076

Deuteranopia

41.9163, 40.9448, 59.1200



Tritanopia

39.3413, 41.1572, 52.3250

Trichromacy



Original Color

40.6012, 41.1055, 58.6176

Protanomaly

40.3891, 40.9962, 58.6076

Deuteranomaly

41.4293, 40.9667, 59.1499

Tritanomaly

39.7935, 41.0590, 54.5430

Monochromacy



Original Color

40.6012, 41.1055, 58.6176

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6980, 41.1199, 49.5607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6012, 41.1055, 58.6176 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(168, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 170, 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(168, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 170, 197) }
```

Border

The CSS property to change the border of an element to XYZ 40.6012, 41.1055, 58.6176 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(168, 170, 197) }
```


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

```
.border{ border-color:rgb(168, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(168, 170,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6012, 41.1055, 58.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 170, 197) }
```

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

```
.background{ background-color: rgb(168,  
170, 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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