

Converting Colors

XYZ(40.6378, 38.6438, 57.7046)

Have a look what the booklet for
XYZ(40.6378, 38.6438, 57.7046)
contains.

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Color

**XYZ(40.6132, 38.7054,
57.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A1C4
RGB	176, 161, 196
RGB Percent	69%, 63%, 77%
CMY	0.3098, 0.3686, 0.2314
CMYK	0.10, 0.18, 0.00, 0.23
HSL	266°, 23%, 70%
HSV	266°, 18%, 77%
XYZ	40.6132, 38.7054, 57.5549
YIQ	169.4750, -2.2950, 14.0650

Conversions

Conversions Part 2

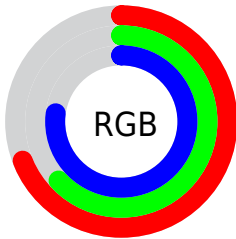
Format	Color
R_{YB}	176, 161, 196
Decimal	11575748
CIE _{Lab}	68.54, 12.21, -15.96
CIE _{LCh}	69, 20.095, 307.434
Yxy	38.7054, 0.2967, 0.2828
Android (android.graphics.Color)	4289765828 (0xFFB0A1C4)
YUV	169.4750, 13.0768, 5.7224
Hunter-Lab	62.2137, 7.6512, -11.3006

Details

The XYZ color **40.6132, 38.7054, 57.5549** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2304, 51.8778, 41.3496**, and the grayscale version is **37.8864, 39.8594, 43.4069**.

A 20% lighter version of the original color is **75.5642, 73.3594, 103.1056**, and **18.5195, 17.1012, 27.9160** is the 20% darker color. If you saturate the color by 10%, you get **35.0242, 31.1327, 56.3884**, and if you desaturate by 10%, it is **46.9505, 47.4629, 58.9119**.

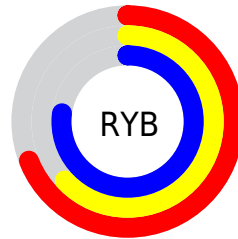
Distribution



Red (69%)

Green (63%)

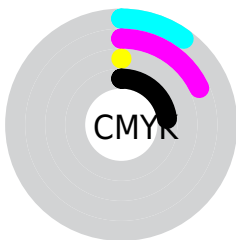
Blue (77%)



Red (69%)

Yellow (63%)

Blue (77%)

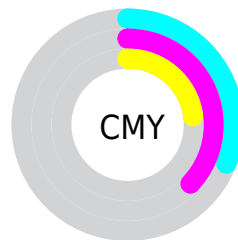


Cyan (10%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6132, 38.7054, 57.5549 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 40.6132, 38.7054, 57.5549 by changing the saturation by 10% instead.

■ 40.6132, 38.7054,
57.5549

■ 40.6132, 38.7054,
57.5549

339.7917,
340.6363, 433.0772

■ 28.2033, 26.5306,
41.0386

■ 75.3748, 73.1881,
102.7828

■ 18.6202, 17.2210,
28.0293

■ 98.4572, 96.2647,
132.3314

■ 11.4985, 10.3922,
18.1085

125.8278,
123.7441, 167.0612

■ 6.4730, 5.6598,
10.8577

157.8520,
156.0107, 207.3908

■ 3.1781, 2.6393,
5.8582

194.8952,
193.4488, 253.7386

■ 1.2486, 0.9465,
2.6917

237.3226,

■ 0.1443, 0.0000,

236.4429, 306.5233

0.9392

285.4996,
285.3772, 366.1633

■ 0.0000, 0.0000,
0.0000

■ 40.6132, 38.7054,
57.5549

■ 40.6132, 38.7054,
57.5549

■ 35.0242, 31.1327,
56.3884

■ 46.9505, 47.4629,
58.9119

■ 30.1499, 24.6874,
55.4012

■ 54.0606, 57.4494,
60.4647

■ 25.9594, 19.3146,
54.5850

■ 61.9714, 68.7128,
62.2218

■ 22.4179, 14.9528,
53.9298

■ 70.7082, 81.2971,
64.1904

■ 19.4872, 11.5339,
53.4243

■ 79.0042, 92.6622,
65.9468

■ 17.1244, 8.9812,
53.0562

■ 82.7570, 94.5968,
66.1224

■ 15.2802, 7.2051,
52.8105

■ 86.7457, 96.6531,
66.3091

■ 13.8839, 6.0741,
52.6658

■ 86.9639, 96.7656,
66.3193

■ 13.6196, 5.8701,
52.6404

Harmonies

Analogous

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



37.5814, 38.7054, 61.8981



40.6132, 38.7054, 57.5549



42.6996, 38.7054, 49.1927

Triad

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



40.6132, 38.7054, 57.5549



39.1737, 38.7054, 28.0098



31.0772, 38.7054, 44.4392

Complementary

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



40.6132, 38.7054, 57.5549



45.2304, 51.8778, 41.3496

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.



31.4494, 38.7054, 35.8023



40.6132, 38.7054, 57.5549



36.0065, 38.7054, 27.1148

Square

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



40.6132, 38.7054, 57.5549



41.8358, 38.7054, 32.4116



33.2115, 38.7054, 29.7627



32.1640, 38.7054, 53.6513

Rectangle

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



40.6132, 38.7054, 57.5549



43.2096, 38.7054, 42.9289



33.2115, 38.7054, 29.7627



31.0370, 38.7054, 41.3680

Sweetspot

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



40.6144, 38.7070, 57.5558



88.4866, 90.7774, 107.4658



41.2719, 44.7814, 58.6936



18.7486, 19.1627, 22.9606



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.



40.6144, 38.7070, 57.5558



69.9058, 65.1144, 103.4917



44.7234, 40.8253, 57.7481



9.9284, 9.9543, 12.6829



8.8455, 3.8204, 33.8278



0.4609, 0.2057, 1.4653

Inverse Universe

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



43.8516, 40.5634, 49.2361



76.8045, 69.0725, 85.6666



41.4670, 49.9377, 41.1735



10.3089, 10.1722, 11.7175



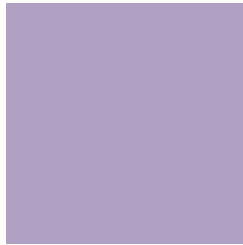
16.5507, 8.3100, 10.8122



0.7491, 0.3726, 0.6460

Previews

White Background



This preview shows how the XYZ color 40.6132, 38.7054, 57.5549 looks on a white background.

Color Contrast Check

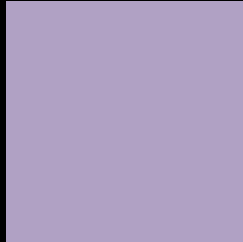
Large Text (above 18pt) WCAG AA × Fail

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 40.6132, 38.7054, 57.5549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

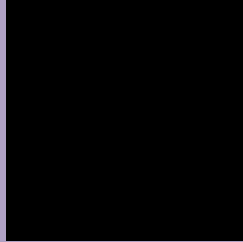
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6132, 38.7054, 57.5549

Background



This preview shows how black text looks on a background with the XYZ color 40.6132, 38.7054, 57.5549.



This preview shows how white text looks on a background with the XYZ color 40.6132, 38.7054,

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

40.6132, 38.7054, 57.5549

Protanopia

38.4422, 38.8695, 59.5093

Deuteranopia

39.6386, 38.7260, 57.6102



Tritanopia

38.4449, 38.6095, 47.0211

Trichromacy



Original Color

40.6132, 38.7054, 57.5549

Protanomaly

39.1944, 38.7351, 58.8369

Deuteranomaly

39.8974, 38.5968, 57.5717

Tritanomaly

39.2045, 38.6537, 50.7420

Monochromacy



Original Color

40.6132, 38.7054, 57.5549

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.7862, 39.2978, 48.1888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6132, 38.7054, 57.5549 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(176, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 196)  
}
```

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(176, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.6132, 38.7054, 57.5549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

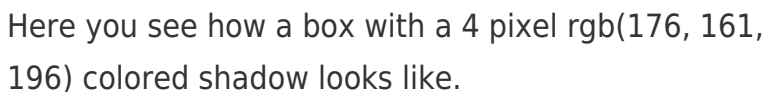
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 161, 196) }
```


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

```
.border{ border-color:rgb(176, 161, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 161, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 161, 196); box-shadow:4px 4px 4px 4px rgb(176, 161, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6132, 38.7054, 57.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 196) }
```

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

```
.background{ background-color: rgb(176,  
161, 196) }
```

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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