

Converting Colors

XYZ(40.8520, 39.3646, 57.0748)

Have a look what the booklet for
XYZ(40.8520, 39.3646, 57.0748)
contains.

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Color

**XYZ(40.8520, 39.3646,
57.0748)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A3C3
RGB	176, 163, 195
RGB Percent	69%, 64%, 76%
CMY	0.3098, 0.3608, 0.2353
CMYK	0.10, 0.16, 0.00, 0.24
HSL	264°, 21%, 70%
HSV	264°, 16%, 76%
XYZ	40.8520, 39.3646, 57.0748
YIQ	170.5350, -2.5240, 12.7080

Conversions

Conversions Part 2

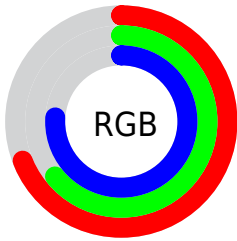
Format	Color
R_{YB}	176, 163, 195
Decimal	11576259
CIE _{Lab}	69.01, 10.89, -14.68
CIE _{LCh}	69, 18.283, 306.574
Yxy	39.3646, 0.2976, 0.2867
Android (android.graphics.Color)	4289766339 (0xFFB0A3C3)
YUV	170.5350, 12.0612, 4.7928
Hunter-Lab	62.7412, 6.4276, -10.0164

Details

The XYZ color **40.8520, 39.3646, 57.0748** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.4188, 51.6207, 42.2222**, and the grayscale version is **38.4191, 40.4199, 44.0172**.

A 20% lighter version of the original color is **75.9208, 74.3269, 102.4405**, and **18.6605, 17.5029, 27.5942** is the 20% darker color. If you saturate the color by 10%, you get **35.1459, 31.6743, 55.8918**, and if you desaturate by 10%, it is **47.3177, 48.2411, 58.4480**.

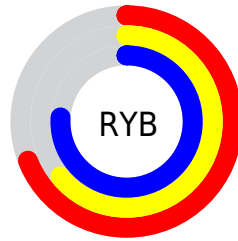
Distribution



Red (69%)

Green (64%)

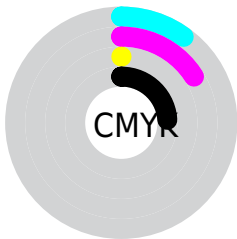
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

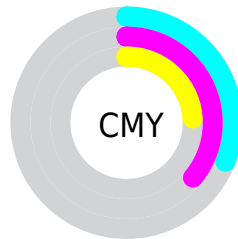


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8520, 39.3646, 57.0748 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 40.8520, 39.3646, 57.0748 by changing the saturation by 10% instead.

■ 40.8520, 39.3646,
57.0748

■ 40.8520, 39.3646,
57.0748

340.7748,
343.4381, 431.2311

■ 28.3906, 27.0435,
40.6555

■ 75.7353, 74.1950,
102.0757

■ 18.7623, 17.6059,
27.7324

■ 98.8879, 97.4730,
131.4945

■ 11.6016, 10.6674,
17.8867

126.3350,
125.1722, 166.0835

■ 6.5433, 5.8437,
10.7001

158.4419,
157.6768, 206.2613

■ 3.2219, 2.7502,
5.7539

195.5740,
195.3713, 252.4464

■ 1.2722, 1.0028,
2.6297

238.0966,

■ 0.1623, 0.0000,

238.6401, 305.0574

0.9077

286.3751,
287.8676, 364.5128

■ 0.0000, 0.0000,
0.0000

■ 40.8520, 39.3646,
57.0748

■ 40.8520, 39.3646,
57.0748

■ 35.1459, 31.6743,
55.8918

■ 47.3177, 48.2411,
58.4480

■ 30.1660, 25.1135,
54.8879

■ 54.5675, 58.3471,
60.0165

■ 25.8812, 19.6285,
54.0550

■ 62.6293, 69.7301,
61.7887

■ 22.2570, 15.1588,
53.3833

■ 71.5285, 82.4331,
63.7716

■ 19.2555, 11.6379,
52.8619

■ 79.5081, 92.9350,
65.3782

■ 16.8344, 8.9911,
52.4786

■ 83.4326, 94.9582,
65.5618

■ 14.9451, 7.1316,
52.2193

■ 86.8505, 96.7202,
65.7218

■ 13.5265, 5.9481,
52.0656

■ 13.0926, 5.6115,
52.0235

Harmonies

Analogous

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



38.0597, 39.3646, 60.8501



40.8520, 39.3646, 57.0748



42.7923, 39.3646, 49.5589

Triad

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



40.8520, 39.3646, 57.0748



39.6857, 39.3646, 29.7649



32.1227, 39.3646, 44.7240

Complementary

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



40.8520, 39.3646, 57.0748



45.4188, 51.6207, 42.2222

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.



32.5080, 39.3646, 36.7961



40.8520, 39.3646, 57.0748



36.7773, 39.3646, 28.8211

Square

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



40.8520, 39.3646, 57.0748



42.0949, 39.3646, 33.9973



34.1762, 39.3646, 31.2283



33.0953, 39.3646, 53.1460

Rectangle

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



40.8520, 39.3646, 57.0748



43.2880, 39.3646, 43.8268



34.1762, 39.3646, 31.2283



32.0985, 39.3646, 41.9102

Sweetspot

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



40.8532, 39.3663, 57.0757



86.3919, 88.6799, 105.0334



41.7249, 45.2659, 58.1685



18.7242, 19.1501, 22.9594



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.



40.8532, 39.3663, 57.0757



69.0215, 64.8830, 101.3556



44.6363, 41.3165, 57.2527



9.9070, 9.9432, 12.6819



8.5993, 3.6935, 33.8163



0.4496, 0.1998, 1.4648

Inverse Universe

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



44.0477, 41.1756, 49.8840



75.9762, 68.8247, 85.5796



41.8952, 49.8042, 42.0572



10.3185, 10.1760, 11.7678



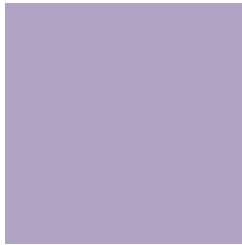
16.7109, 8.3741, 11.6557



0.7555, 0.3752, 0.6798

Previews

White Background



This preview shows how the XYZ color 40.8520, 39.3646, 57.0748 looks on a white background.

Color Contrast Check

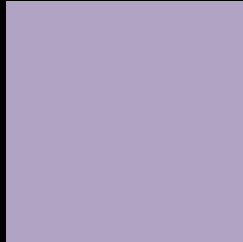
Large Text (above 18pt) WCAG AA × Fail

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 40.8520, 39.3646, 57.0748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

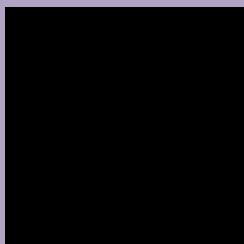
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8520, 39.3646, 57.0748

Background



This preview shows how black text looks on a background with the XYZ color 40.8520, 39.3646, 57.0748.



This preview shows how white text looks on a background with the XYZ color 40.8520, 39.3646,

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

40.8520, 39.3646, 57.0748

Protanopia

39.1160, 39.5012, 58.9889

Deuteranopia

40.1390, 39.2617, 57.0925



Tritanopia

39.0065, 39.4113, 48.1991

Trichromacy



Original Color

40.8520, 39.3646, 57.0748

Protanomaly

39.8627, 39.6285, 58.3714

Deuteranomaly

40.3594, 39.3753, 57.1028

Tritanomaly

39.6676, 39.4117, 51.4155

Monochromacy



Original Color

40.8520, 39.3646, 57.0748

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4744, 40.1848, 48.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8520, 39.3646, 57.0748 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, 163, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 195)  
}
```

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, 163, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.8520, 39.3646, 57.0748 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, 163, 195) }
```


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

```
.border{ border-color:rgb(176, 163, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8520, 39.3646, 57.0748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 195) }
```

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

```
.background{ background-color: rgb(176,  
163, 195) }
```

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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