

Converting Colors

XYZ(40.7911, 39.1244, 54.6717)

Have a look what the booklet for
XYZ(40.7911, 39.1244, 54.6717)
contains.

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Color

**XYZ(40.6844, 39.0672,
54.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A2BF
RGB	178, 162, 191
RGB Percent	70%, 64%, 75%
CMY	0.3020, 0.3647, 0.2510
CMYK	0.07, 0.15, 0.00, 0.25
HSL	273°, 18%, 69%
HSV	273°, 15%, 75%
XYZ	40.6844, 39.0672, 54.6866
YIQ	170.0900, 0.2270, 12.4110

Conversions

Conversions Part 2

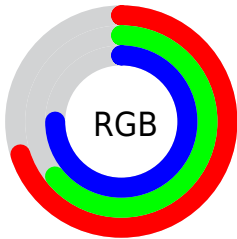
Format	Color
RYB	178, 162, 191
Decimal	11707071
CIELab	68.80, 11.30, -12.77
CIELCh	69, 17.054, 311.509
Yxy	39.0672, 0.3026, 0.2906
Android (android.graphics.Color)	4289897151 (0xFFB2A2BF)
YUV	170.0900, 10.3086, 6.9371
Hunter-Lab	62.5038, 6.8061, -8.1221

Details

The XYZ color **40.6844, 39.0672, 54.6866** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.8329, 48.9851, 41.3818**, and the grayscale version is **38.2045, 40.1941, 43.7713**.

A 20% lighter version of the original color is **75.5330, 73.8335, 98.2660**, and **18.6208, 17.3468, 26.4116** is the 20% darker color. If you saturate the color by 10%, you get **35.6687, 31.8614, 53.5607**, and if you desaturate by 10%, it is **46.3362, 47.3616, 55.9903**.

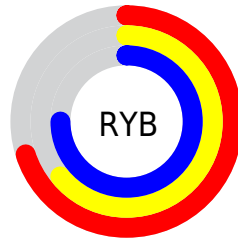
Distribution



Red (70%)

Green (64%)

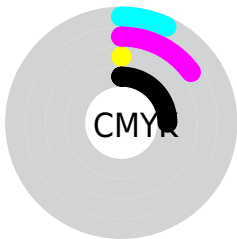
Blue (75%)



Red (70%)

Yellow (64%)

Blue (75%)

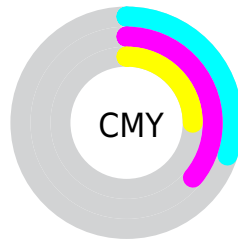


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6844, 39.0672, 54.6866 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 40.6844, 39.0672, 54.6866 by changing the saturation by 10% instead.

■ 40.6844, 39.0672,
54.6866

■ 40.6844, 39.0672,
54.6866

340.0850,
342.1761, 421.9713

■ 28.2591, 26.8120,
38.7540

■ 75.4823, 73.7410,
98.5482

■ 18.6625, 17.4321,
26.2620

■ 98.5857, 96.9283,
127.3142

■ 11.5293, 10.5430,
16.7922

125.9791,
124.5285, 161.1950

■ 6.4939, 5.7605,
9.9261

158.0280,
156.9260, 200.6093

■ 3.1912, 2.7000,
5.2450

195.0977,
194.5051, 245.9755

■ 1.2556, 0.9772,
2.3305

237.5535,

■ 0.1496, 0.0000,

237.6502, 297.7122

0.7482

285.7608,
286.7457, 356.2380

■ 0.0000, 0.0000,
0.0000

■ 40.6844, 39.0672,
54.6866

■ 40.6844, 39.0672,
54.6866

■ 35.6687, 31.8614,
53.5607

■ 46.3362, 47.3616,
55.9903

■ 31.2602, 25.6920,
52.6022

■ 52.6441, 56.7838,
57.4765

■ 27.4333, 20.5103,
51.8038

■ 59.6318, 67.3771,
59.1529

■ 24.1585, 16.2610,
51.1562

■ 67.3205, 79.1809,
61.0261

■ 21.4039, 12.8837,
50.6495

■ 74.9264, 90.6247,
62.8340

■ 19.1336, 10.3104,
50.2724

■ 77.5976, 92.0017,
62.9591

■ 17.3064, 8.4626,
50.0121

■ 80.4037, 93.4483,
63.0904

■ 15.8725, 7.2445,
49.8525

■ 83.3465, 94.9654,
63.2281

■ 15.2740, 6.7877,
49.7959

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



38.1789, 39.0672, 58.8544



40.6844, 39.0672, 54.6866



42.2827, 39.0672, 47.4354

Triad

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



40.6844, 39.0672, 54.6866



38.8052, 39.0672, 29.9247



32.2685, 39.0672, 45.5771

Complementary

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



40.6844, 39.0672, 54.6866



42.8329, 48.9851, 41.3818

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.



32.4179, 39.0672, 37.9890



40.6844, 39.0672, 54.6866



36.1048, 39.0672, 29.5551

Square

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



40.6844, 39.0672, 54.6866



41.1620, 39.0672, 33.4155



33.7930, 39.0672, 32.3359



33.3744, 39.0672, 53.1848

Rectangle

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



40.6844, 39.0672, 54.6866



42.5741, 39.0672, 42.1468



33.7930, 39.0672, 32.3359



32.1750, 39.0672, 42.9306

Sweetspot

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



40.6856, 39.0689, 54.6875



83.0972, 84.9865, 100.3035



39.6454, 42.1239, 55.3320



18.0807, 18.4154, 21.9869



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6856, 39.0689, 54.6875



69.9595, 65.7617, 97.2851



43.6524, 40.6167, 53.9974



9.5061, 9.4778, 12.0006



10.1316, 4.5091, 32.7292



0.4711, 0.2149, 1.2855

Inverse Universe

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



42.1453, 40.0138, 46.0613



73.0870, 67.7843, 78.8929



40.1837, 47.6045, 41.9346



9.7031, 9.6056, 10.8257



15.2536, 7.7326, 6.6290



0.6305, 0.3161, 0.4333

Previews

White Background



This preview shows how the XYZ color 40.6844, 39.0672, 54.6866 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 40.6844, 39.0672, 54.6866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

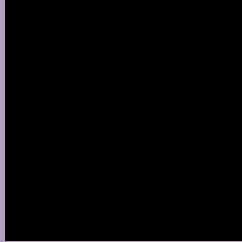
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6844, 39.0672, 54.6866

Background



This preview shows how black text looks on a background with the XYZ color 40.6844, 39.0672, 54.6866.



This preview shows how white text looks on a background with the XYZ color 40.6844, 39.0672,

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

40.6844, 39.0672, 54.6866

Protanopia

38.6606, 39.3190, 56.5906

Deuteranopia

39.9130, 39.1967, 54.7523



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

40.6844, 39.0672, 54.6866

Protanomaly

39.2292, 39.0854, 55.9287

Deuteranomaly

40.1804, 39.0699, 54.7137

Tritanomaly

39.6722, 38.9189, 49.6771

Monochromacy



Original Color

40.6844, 39.0672, 54.6866

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.0882, 39.7360, 47.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6844, 39.0672, 54.6866 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(178, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 191)  
}
```

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(178, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.6844, 39.0672, 54.6866 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(178, 162, 191) }
```


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

```
.border{ border-color:rgb(178, 162, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6844, 39.0672, 54.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 191) }
```

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

```
.background{ background-color: rgb(178,  
162, 191) }
```

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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