

Converting Colors

XYZ(43.1160, 42.6680, 59.3894)

Have a look what the booklet for
XYZ(43.1160, 42.6680, 59.3894)
contains.

XYZ(43.1160, 42.6680, 59.3894)	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(43.1160, 42.6680,
59.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	B2ABC6
RGB	178, 171, 198
RGB Percent	70%, 67%, 78%
CMY	0.3020, 0.3294, 0.2235
CMYK	0.10, 0.14, 0.00, 0.22
HSL	256°, 19%, 72%
HSV	256°, 14%, 78%
XYZ	43.1160, 42.6680, 59.3894
YIQ	176.1710, -4.4950, 9.8810

Conversions

Conversions Part 2

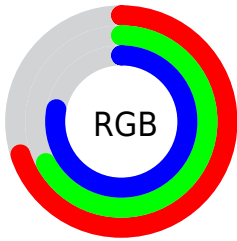
Format	Color
R_{YB}	178, 171, 198
Decimal	11709382
CIE Lab	71.33, 7.76, -12.84
CIE LCh	71, 15.007, 301.152
Yxy	42.6680, 0.2970, 0.2939
Android (android.graphics.Color)	4289899462 (0xFFB2ABC6)
YUV	176.1710, 10.7617, 1.6040
Hunter-Lab	65.3207, 3.5105, -8.1817

Details

The XYZ color **43.1160, 42.6680, 59.3894** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.0323, 54.4060, 46.4473**, and the grayscale version is **41.3044, 43.4554, 47.3229**.

A 20% lighter version of the original color is **79.1780, 79.1051, 105.7034**, and **20.0883, 19.5672, 29.1036** is the 20% darker color. If you saturate the color by 10%, you get **36.4652, 34.0980, 58.0864**, and if you desaturate by 10%, it is **50.6895, 52.5476, 60.8979**.

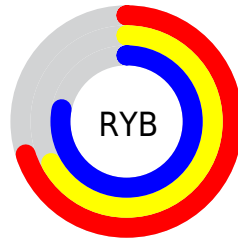
Distribution



Red (70%)

Green (67%)

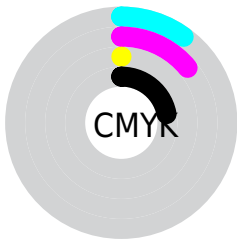
Blue (78%)



Red (70%)

Yellow (67%)

Blue (78%)

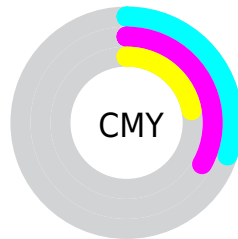


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1160, 42.6680, 59.3894 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 43.1160, 42.6680, 59.3894 by changing the saturation by 10% instead.

■ 43.1160, 42.6680,
59.3894

■ 43.1160, 42.6680,
59.3894

350.0020,
357.2446, 440.0854

■ 30.1711, 29.6247,
42.5046

■ 79.1405, 79.2096,
105.4781

■ 20.1172, 19.5539,
29.1681

102.9508,
103.4767, 135.5190

■ 12.5890, 12.0712,
18.9613

131.1135,
132.2539, 170.7825

■ 7.2212, 6.7922,
11.4658

163.9941,
165.9256, 211.6869

■ 3.6484, 3.3325,
6.2630

201.9579,
204.8761, 258.6509

■ 1.5052, 1.3077,
2.9343

245.3703,

■ 0.3294, 0.1471,

249.4898, 312.0929

1.0612

294.5965,
300.1512, 372.4316

■ 0.0000, 0.0000,
0.0000

■ 43.1160, 42.6680,
59.3894

■ 43.1160, 42.6680,
59.3894

■ 36.4652, 34.0980,
58.0864

■ 50.6895, 52.5476,
60.8979

■ 30.6972, 26.7767,
56.9773

■ 59.2159, 63.7836,
62.6172

■ 25.7747, 20.6464,
56.0535

■ 68.7287, 76.4268,
64.5562

■ 21.6563, 15.6428,
55.3047

■ 79.2587, 90.5242,
66.7223

■ 18.2967, 11.6952,
54.7198

■ 85.8603, 96.1701,
67.4641

■ 15.6460, 8.7247,
54.2862

■ 87.1932, 96.8573,
67.5265

■ 13.6477, 6.6411,
53.9893

■ 12.2354, 5.3363,
53.8119

■ 11.5746, 4.7894,
53.7412

Harmonies

Analogous

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



40.6523, 42.6680, 61.7769



43.1160, 42.6680, 59.3894



44.9533, 42.6680, 53.4881

Triad

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



43.1160, 42.6680, 59.3894



42.9403, 42.6680, 35.3219



35.8958, 42.6680, 46.7381

Complementary

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



43.1160, 42.6680, 59.3894



49.0323, 54.4060, 46.4473

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.



36.4527, 42.6680, 40.0729



43.1160, 42.6680, 59.3894



40.4572, 42.6680, 33.9075

Square

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



43.1160, 42.6680, 59.3894



44.8490, 42.6680, 39.6361



38.0968, 42.6680, 35.5551



36.5436, 42.6680, 54.0214

Rectangle

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



43.1160, 42.6680, 59.3894



45.5387, 42.6680, 48.6278



38.0968, 42.6680, 35.5551



35.9482, 42.6680, 44.3541

Sweetspot

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



43.1173, 42.6698, 59.3903



89.1564, 92.2588, 107.7164



45.6744, 50.1072, 60.6911



18.8526, 19.4451, 23.0096



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.



43.1173, 42.6698, 59.3903



73.1284, 71.3858, 104.5323



46.3061, 44.3137, 59.5396



10.3102, 10.4182, 13.3850



7.5959, 3.1501, 34.9520



0.4297, 0.1853, 1.6583

Inverse Universe

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



47.2571, 44.8951, 55.4673



81.7310, 76.0119, 96.2909



45.8490, 52.7650, 46.2983



10.9612, 10.7679, 12.7788



18.5903, 9.1857, 18.8504



0.9086, 0.4463, 1.0419

Previews

White Background



This preview shows how the XYZ color 43.1160, 42.6680, 59.3894 looks on a white background.

Color Contrast Check

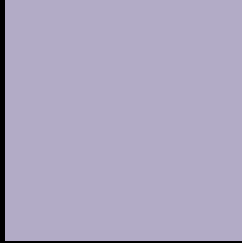
Large Text (above 18pt) WCAG AA × Fail

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 43.1160, 42.6680, 59.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

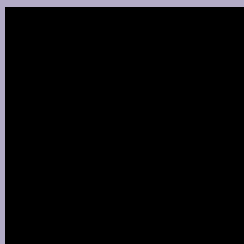
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1160, 42.6680, 59.3894

Background



This preview shows how black text looks on a background with the XYZ color 43.1160, 42.6680, 59.3894.



This preview shows how white text looks on a background with the XYZ color 43.1160, 42.6680,

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

43.1160, 42.6680, 59.3894

Protanopia

41.8299, 42.5567, 60.0424

Deuteranopia

43.6238, 42.6504, 59.3592



Tritanopia

41.8177, 42.7051, 53.0526

Trichromacy



Original Color

43.1160, 42.6680, 59.3894

Protanomaly

42.2949, 42.5128, 60.0094

Deuteranomaly

43.3902, 42.5300, 59.3483

Tritanomaly

42.2880, 42.6137, 55.2867

Monochromacy



Original Color

43.1160, 42.6680, 59.3894

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9192, 43.0799, 51.4533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1160, 42.6680, 59.3894 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, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 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(178, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 198) }
```

Border

The CSS property to change the border of an element to XYZ 43.1160, 42.6680, 59.3894 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, 171, 198) }
```


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

```
.border{ border-color:rgb(178, 171, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1160, 42.6680, 59.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 198) }
```

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

```
.background{ background-color: rgb(178,  
171, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor