

Converting Colors

XYZ(40.3529, 30.9441, 54.8849)

Have a look what the booklet for
XYZ(40.3529, 30.9441, 54.8849)
contains.

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Color

**XYZ(40.3529, 30.9441,
54.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	C57FC2
RGB	197, 127, 194
RGB Percent	77%, 50%, 76%
CMY	0.2274, 0.5019, 0.2392
CMYK	0.00, 0.36, 0.02, 0.23
HSL	303°, 38%, 64%
HSV	303°, 36%, 77%
XYZ	40.3529, 30.9441, 54.8849
YIQ	155.5680, 20.2130, 35.6770

Conversions

Conversions Part 2

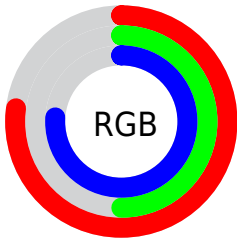
Format	Color
R _Y B	197, 127, 194
Decimal	12943298
CIE Lab	62.46, 37.60, -23.89
CIE LCh	62, 44.551, 327.567
Yxy	30.9441, 0.3198, 0.2452
Android (android.graphics.Color)	4291133378 (0xFFC57FC2)
YUV	155.5680, 18.9470, 36.3359
Hunter-Lab	55.6274, 32.1384, -19.5594

Details

The XYZ color **40.3529, 30.9441, 54.8849** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.7492, 46.0572, 28.2847**, and the grayscale version is **31.3206, 32.9517, 35.8844**.

A 20% lighter version of the original color is **75.1765, 61.2728, 99.1314**, and **18.4734, 12.8131, 26.3105** is the 20% darker color. If you saturate the color by 10%, you get **37.9588, 26.3067, 53.6206**, and if you desaturate by 10%, it is **43.2469, 36.5793, 56.3192**.

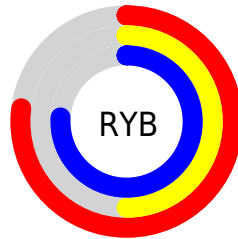
Distribution



Red (77%)

Green (50%)

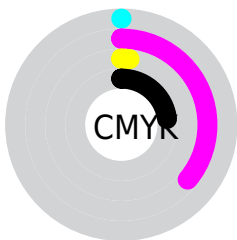
Blue (76%)



Red (77%)

Yellow (50%)

Blue (76%)

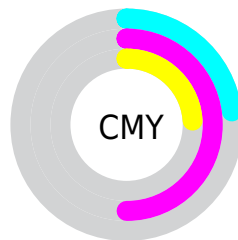


Cyan (0%)

Magenta (36%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (50%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3529, 30.9441, 54.8849 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 40.3529, 30.9441, 54.8849 by changing the saturation by 10% instead.


 40.3529, 30.9441,
54.8849

 40.3529, 30.9441,
54.8849

338.7177,
306.2807, 422.7451


 27.9992, 20.5563,
38.9116


 74.9815, 61.1521,
98.8418

 18.4655, 12.8001,
26.3837


 97.9872, 81.7410,
127.6624

 11.3864, 7.2910,
16.8825


 125.2743,
106.4991, 161.6025

 6.3966, 3.6448,
9.9897

157.2081,
135.8107, 201.0808

 3.1306, 1.4769,
5.2866

194.1539,
170.0603, 246.5156

 1.2232, 0.2724,
2.3547

236.4773,

 0.1246, 0.0000,

209.6322, 298.3256

0.7616

284.5434,
254.9109, 356.9292

■ 0.0000, 0.0000,
0.0000

■ 40.3529, 30.9441,
54.8849

■ 40.3529, 30.9441,
54.8849

■ 37.9588, 26.3067,
53.6206

■ 43.2469, 36.5793,
56.3192

■ 36.0326, 22.6047,
52.5146

■ 46.6647, 43.2617,
57.9304

■ 34.5431, 19.7753,
51.5567

■ 50.6320, 51.0424,
59.7274

■ 33.4541, 17.7461,
50.7351

■ 55.1721, 59.9679,
61.7180

■ 32.7236, 16.4331,
50.0356

■ 60.3070, 70.0819,
63.9096

■ 32.3000, 15.7328,
49.4410

■ 66.0574, 81.4262,
66.3091

■ 32.1635, 15.5254,
49.1937

■ 69.2013, 87.5565,
67.8423

■ 69.3002, 87.5960,
68.3633

■ 69.3997, 87.6358,
68.8872

Harmonies

Analogous

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



35.1251, 30.9441, 72.6554



40.3529, 30.9441, 54.8849



42.6197, 30.9441, 35.1260

Triad

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



40.3529, 30.9441, 54.8849



29.9077, 30.9441, 10.1775



20.2641, 30.9441, 51.5653

Complementary

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



40.3529, 30.9441, 54.8849



32.7492, 46.0572, 28.2847

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.



19.2600, 30.9441, 32.2993



40.3529, 30.9441, 54.8849



24.3536, 30.9441, 11.9603

Square

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



40.3529, 30.9441, 54.8849



36.0960, 30.9441, 12.6829



20.6515, 30.9441, 18.8075



23.6077, 30.9441, 70.3219

Rectangle

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



40.3529, 30.9441, 54.8849



41.9427, 30.9441, 24.6114



20.6515, 30.9441, 18.8075



19.6636, 30.9441, 44.7716

Sweetspot

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



40.3539, 30.9455, 54.8856



86.5524, 83.3136, 105.1155



26.7728, 23.9048, 56.0270



18.3204, 17.4299, 22.4055



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.



40.3539, 30.9455, 54.8856



68.7214, 48.5389, 96.4362



36.9325, 29.5769, 36.8687



11.0627, 10.8085, 13.3135



21.1633, 10.2149, 32.3996



1.0083, 0.4862, 1.5669

Inverse Universe

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



40.3539, 30.9455, 54.8856



68.7214, 48.5389, 96.4362



35.4508, 47.1379, 42.5114



11.0627, 10.8085, 13.3135



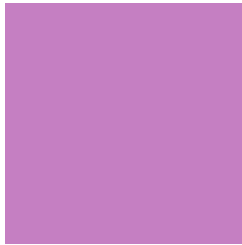
21.1633, 10.2149, 32.3996



1.0083, 0.4862, 1.5669

Previews

White Background



This preview shows how the XYZ color 40.3529, 30.9441, 54.8849 looks on a white background.

Color Contrast Check

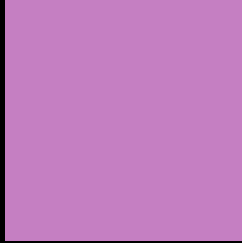
Large Text (above 18pt) WCAG AA × Fail

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 40.3529, 30.9441, 54.8849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

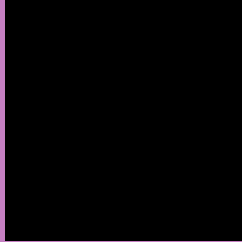
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3529, 30.9441, 54.8849

Background



This preview shows how black text looks on a background with the XYZ color 40.3529, 30.9441, 54.8849.



This preview shows how white text looks on a background with the XYZ color 40.3529, 30.9441,

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

40.3529, 30.9441, 54.8849

Protanopia

32.1782, 31.1846, 65.9513

Deuteranopia

31.7382, 31.0085, 53.0277



Tritanopia

35.6980, 31.0743, 31.7202

Trichromacy



Original Color

40.3529, 30.9441, 54.8849

Protanomaly

34.2546, 30.5255, 61.8442

Deuteranomaly

34.2991, 30.5171, 53.3728

Tritanomaly

37.0807, 30.7929, 39.1112

Monochromacy



Original Color

40.3529, 30.9441, 54.8849

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.1757, 31.8110, 42.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3529, 30.9441, 54.8849 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(197, 127, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 194)  
}
```

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(197, 127, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 194) }
```

Border

The CSS property to change the border of an element to XYZ 40.3529, 30.9441, 54.8849 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(197, 127, 194) }
```


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

```
.border{ border-color:rgb(197, 127, 194) }
```

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

Here you see how a box with a 4 pixel rgb(197, 127, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 127, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 127, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 127,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3529, 30.9441, 54.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 194) }
```

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

```
.background{ background-color: rgb(197,  
127, 194) }
```

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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