

Converting Colors

XYZ(34.5153, 28.6730, 46.3838)

Have a look what the booklet for
XYZ(34.5153, 28.6730, 46.3838)
contains.

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Color

**XYZ(34.4794, 28.6849,
46.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	B282B3
RGB	178, 130, 179
RGB Percent	70%, 51%, 70%
CMY	0.3020, 0.4902, 0.2980
CMYK	0.01, 0.27, 0.00, 0.30
HSL	299°, 24%, 61%
HSV	299°, 27%, 70%
XYZ	34.4794, 28.6849, 46.3673
YIQ	149.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

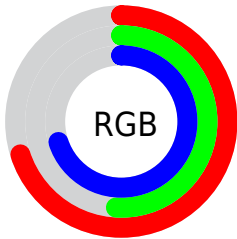
Format	Color
RYB	178, 130, 179
Decimal	11698867
CIELab	60.50, 26.84, -18.57
CIELCh	61, 32.640, 325.328
Yxy	28.6849, 0.3148, 0.2619
Android (android.graphics.Color)	4289888947 (0xFFB282B3)
YUV	149.9380, 14.3276, 24.6104
Hunter-Lab	53.5583, 21.1866, -13.8386

Details

The XYZ color **34.4794, 28.6849, 46.3673** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.5104, 38.6779, 27.0307**, and the grayscale version is **28.9012, 30.4064, 33.1125**.

A 20% lighter version of the original color is **65.8606, 57.3576, 86.1971**, and **15.0920, 11.6037, 21.1830** is the 20% darker color. If you saturate the color by 10%, you get **32.2191, 24.2880, 45.6382**, and if you desaturate by 10%, it is **37.1559, 33.9128, 47.2357**.

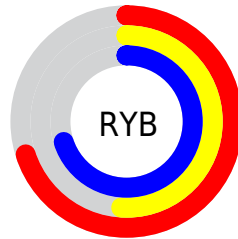
Distribution



Red (70%)

Green (51%)

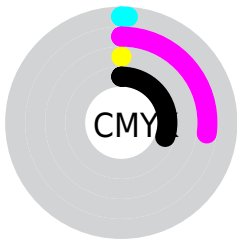
Blue (70%)



Red (70%)

Yellow (51%)

Blue (70%)

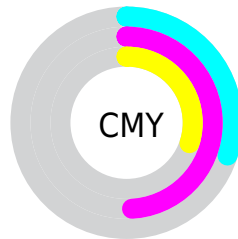


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4794, 28.6849, 46.3673 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 34.4794, 28.6849, 46.3673 by changing the saturation by 10% instead.


 34.4794, 28.6849,
46.3673


 34.4794, 28.6849,
46.3673


313.8129,
295.7253, 388.6038


 23.4268, 18.8426,
32.1850


 66.0178, 57.5761,
86.1085

 15.0314, 11.5566,
21.2369


 87.2343, 77.3937,
112.5045

 8.9279, 6.4425,
13.1043


 112.5695,
101.3053, 143.8088

 4.7509, 3.1160,
7.3689

142.3887,
129.6951, 180.4399

 2.1351, 1.1926,
3.6119

177.0573,
162.9476, 222.8164

 0.7082, 0.0556,
1.4149

216.9406,

 0.0000, 0.0000,

201.4473, 271.3569

0.1533

262.4040,
245.5784, 326.4798

■ 0.0000, 0.0000,
0.0000

■ 34.4794, 28.6849,
46.3673

■ 34.4794, 28.6849,
46.3673

■ 32.2191, 24.2880,
45.6382

■ 37.1559, 33.9128,
47.2357

■ 30.3508, 20.6754,
45.0393

■ 40.2658, 40.0077,
48.2483

■ 28.8522, 17.8016,
44.5636

■ 43.8287, 47.0082,
49.4117

■ 27.6972, 15.6149,
44.2024

■ 47.8619, 54.9492,
50.7319

■ 26.8568, 14.0570,
43.9460

■ 52.3822, 63.8639,
52.2144

■ 26.2969, 13.0598,
43.7830

■ 57.4054, 73.7840,
53.8644

■ 25.9670, 12.5223,
43.6967

■ 62.8492, 84.5451,
55.6546

■ 25.8944, 12.4091,
43.6787

■ 62.9347, 84.5891,
55.6586

■ 63.0204, 84.6333,
55.6626

Harmonies

Analogous

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



30.8765, 28.6849, 57.2281



34.4794, 28.6849, 46.3673



36.1557, 28.6849, 33.1597

Triad

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



34.4794, 28.6849, 46.3673



27.9289, 28.6849, 13.3544



20.5814, 28.6849, 42.2396

Complementary

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



34.4794, 28.6849, 46.3673



29.5104, 38.6779, 27.0307

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.



19.9648, 28.6849, 29.3823



34.4794, 28.6849, 46.3673



23.9451, 28.6849, 14.6133

Square

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



34.4794, 28.6849, 46.3673



32.1340, 28.6849, 15.7812



21.1330, 28.6849, 19.8124



22.9129, 28.6849, 54.4467

Rectangle

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



34.4794, 28.6849, 46.3673



35.8414, 28.6849, 25.4957



21.1330, 28.6849, 19.8124



20.1776, 28.6849, 37.7722

Sweetspot

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



34.4803, 28.6862, 46.3679



71.6614, 70.7632, 86.2629



25.5455, 24.4052, 46.0125



15.6827, 15.2972, 19.0483



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.4803, 28.6862, 46.3679



59.1628, 46.3335, 82.2062



32.5860, 27.9550, 35.1911



8.8326, 8.6377, 10.7080



18.3051, 8.7724, 30.8655



0.5813, 0.2788, 0.9714

Inverse Universe

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



30.6707, 27.1889, 25.1055



51.1841, 43.2003, 37.5551



31.0658, 39.2822, 36.0253



8.5032, 8.5080, 8.8821



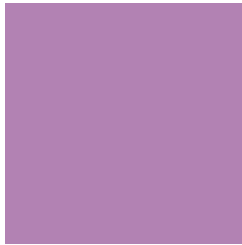
13.1540, 6.7791, 0.7048



0.4162, 0.2142, 0.0344

Previews

White Background



This preview shows how the XYZ color 34.4794, 28.6849, 46.3673 looks on a white background.

Color Contrast Check

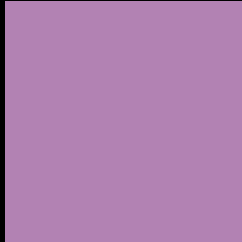
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4794, 28.6849, 46.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

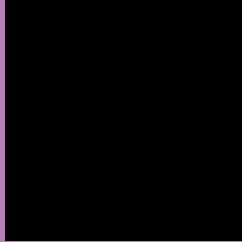
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4794, 28.6849, 46.3673

Background



This preview shows how black text looks on a background with the XYZ color 34.4794, 28.6849, 46.3673.



This preview shows how white text looks on a background with the XYZ color 34.4794, 28.6849,

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

34.4794, 28.6849, 46.3673

Protanopia

29.1422, 28.9933, 52.2044

Deuteranopia

29.4353, 28.8390, 45.6100



Tritanopia

31.5262, 28.7136, 31.4844

Trichromacy



Original Color

34.4794, 28.6849, 46.3673

Protanomaly

30.7127, 28.7430, 49.8282

Deuteranomaly

31.0290, 28.5594, 45.9966

Tritanomaly

32.4623, 28.6674, 36.6233

Monochromacy



Original Color

34.4794, 28.6849, 46.3673

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.7527, 29.6917, 37.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4794, 28.6849, 46.3673 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, 130, 179)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 179)  
}
```

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, 130, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 179) }
```

Border

The CSS property to change the border of an element to XYZ 34.4794, 28.6849, 46.3673 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, 130, 179) }
```


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

```
.border{ border-color:rgb(178, 130, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 130, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4794, 28.6849, 46.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 179) }
```

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

```
.background{ background-color: rgb(178,  
130, 179) }
```

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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