

Converting Colors

XYZ(28.4580, 34.6289, 30.3834)

Have a look what the booklet for
XYZ(28.4580, 34.6289, 30.3834)
contains.

XYZ(28.4580, 34.6289, 30.3834)	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(28.4580, 34.6289,
30.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	86A78D
RGB	134, 167, 141
RGB Percent	53%, 65%, 55%
CMY	0.4745, 0.3451, 0.4471
CMYK	0.20, 0.00, 0.16, 0.35
HSL	133°, 16%, 59%
HSV	133°, 20%, 65%
XYZ	28.4580, 34.6289, 30.3834
YIQ	154.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

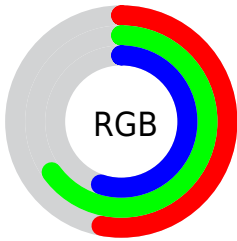
Format	Color
RYB	134, 161, 167
Decimal	8824717
CIELab	65.46, -16.62, 9.75
CIELCh	65, 19.268, 149.594
Yxy	34.6289, 0.3045, 0.3705
Android (android.graphics.Color)	4287014797 (0xFF86A78D)
YUV	154.1690, -6.4923, -17.6882
Hunter-Lab	58.8463, -16.6587, 10.5800

Details

The XYZ color **28.4580, 34.6289, 30.3834** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.8079, 27.8047, 37.0026**, and the grayscale version is **30.8214, 32.4265, 35.3124**.

A 20% lighter version of the original color is **56.7106, 66.8740, 61.5488**, and **11.6752, 14.9016, 12.1585** is the 20% darker color. If you saturate the color by 10%, you get **25.0820, 32.9960, 25.4148**, and if you desaturate by 10%, it is **32.3726, 36.5280, 35.9859**.

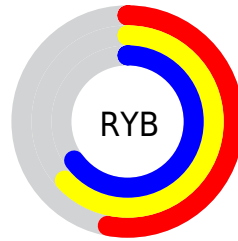
Distribution



Red (53%)

Green (65%)

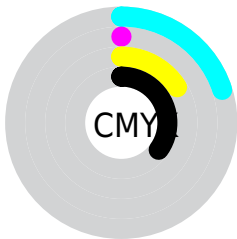
Blue (55%)



Red (53%)

Yellow (63%)

Blue (65%)

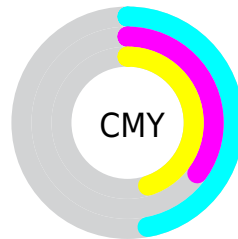


Cyan (20%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4580, 34.6289, 30.3834 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 28.4580, 34.6289, 30.3834 by changing the saturation by 10% instead.

■ 28.4580, 34.6289,
30.3834

■ 28.4580, 34.6289,
30.3834

286.6895,
322.9273, 317.9503

■ 18.8134, 23.3772,
19.8753

■ 56.6184, 66.9105,
61.3361

■ 11.6387, 14.8722,
12.1212

■ 75.8649, 88.7091,
82.6178

■ 6.5686, 8.7298,
6.7028

■ 99.0427, 114.7921,
108.3277

■ 3.2377, 4.5653,
3.2013

126.5173,
145.5440, 138.8845

■ 1.2807, 1.9946,
1.1983

158.6539,
181.3490, 174.7066

■ 0.1687, 0.6043,
0.0000

195.8179,

■ 0.0000, 0.0000,

222.5916, 216.2125

0.0000

238.3746,
269.6563, 263.8209

■ 28.4580, 34.6289,
30.3834

■ 28.4580, 34.6289,
30.3834

■ 25.0820, 32.9960,
25.4148

■ 32.3726, 36.5280,
35.9859

■ 22.2180, 31.6131,
21.0557

■ 36.8453, 38.6999,
42.2412

■ 19.8415, 30.4690,
17.2830

■ 41.8979, 41.1565,
49.1703

■ 17.9246, 29.5499,
14.0717

■ 47.5504, 43.9076,
56.7925

■ 16.4368, 28.8406,
11.3949

■ 53.8216, 46.9626,
65.1263

■ 15.3434, 28.3238,
9.2233

■ 60.7297, 50.3304,
74.1896

■ 14.6045, 27.9797,
7.5249

■ 68.2920, 54.0196,
83.9996

■ 14.1388, 27.7671,
6.2624

■ 71.7349, 55.5690,
94.3486

■ 14.1291, 27.7627,
6.2372

■ 73.1094, 56.1188,
101.5865

Harmonies

Analogous

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



30.3095, 34.6289, 25.7565



28.4580, 34.6289, 30.3834



27.7871, 34.6289, 37.5952

Triad

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



28.4580, 34.6289, 30.3834



32.8754, 34.6289, 55.4497



37.8539, 34.6289, 30.5485

Complementary

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



28.4580, 34.6289, 30.3834



30.8079, 27.8047, 37.0026

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.



38.6351, 34.6289, 37.8150



28.4580, 34.6289, 30.3834



35.6630, 34.6289, 52.8731

Square

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



28.4580, 34.6289, 30.3834



30.2467, 34.6289, 52.7355



37.8118, 34.6289, 46.1173



35.7331, 34.6289, 25.8419

Rectangle

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



28.4580, 34.6289, 30.3834



28.0682, 34.6289, 43.1525



37.8118, 34.6289, 46.1173



38.2871, 34.6289, 32.7364

Sweetspot

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



28.4589, 34.6304, 30.3842



60.7823, 66.7790, 68.3997



32.7005, 36.8753, 27.9489



13.4934, 14.8912, 15.1542



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.4589, 34.6304, 30.3842



48.0225, 60.5926, 50.1162



29.7457, 35.1451, 37.1603



7.4994, 8.4328, 8.3502



10.8265, 21.2493, 4.8530



0.2810, 0.5240, 0.2106

Inverse Universe

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



30.8079, 27.8047, 37.0026



53.0536, 45.9689, 64.2887



29.4890, 27.2771, 30.0571



7.7727, 7.6390, 9.1205



15.3780, 7.5599, 17.3338



0.3908, 0.1906, 0.5093

Previews

White Background



This preview shows how the XYZ color 28.4580, 34.6289, 30.3834 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 28.4580, 34.6289, 30.3834 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 28.4580, 34.6289, 30.3834

Background



This preview shows how black text looks on a background with the XYZ color 28.4580, 34.6289, 30.3834.



This preview shows how white text looks on a background with the XYZ color 28.4580, 34.6289,

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

28.4580, 34.6289, 30.3834

Protanopia

32.3967, 34.3383, 28.2130

Deuteranopia

35.0157, 34.3798, 31.1760



Tritanopia

31.4734, 34.5113, 45.5600

Trichromacy



Original Color

28.4580, 34.6289, 30.3834

Protanomaly

30.6587, 34.1947, 29.0291

Deuteranomaly

32.2890, 34.2234, 30.8906

Tritanomaly

30.3676, 34.5985, 39.7280

Monochromacy



Original Color

28.4580, 34.6289, 30.3834

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8556, 33.1692, 33.2625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4580, 34.6289, 30.3834 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(134, 167, 141)` looks like.

```
.text, #text, p{  
    color:rgb(134, 167, 141)  
}
```

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(134, 167, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 167, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.4580, 34.6289, 30.3834 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(134, 167, 141) }
```


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

```
.border{ border-color:rgb(134, 167, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 167, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 167, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 167, 141);  
box-shadow:4px 4px 4px 4px rgb(134, 167,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4580, 34.6289, 30.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 167, 141) }
```

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

```
.background{ background-color: rgb(134,  
167, 141) }
```

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