

Converting Colors

XYZ(28.5066, 34.1466, 34.5785)

Have a look what the booklet for
XYZ(28.5066, 34.1466, 34.5785)
contains.

XYZ(28.4011, 33.9699, 34.3381)	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(28.4011, 33.9699,
34.3381)**

Conversions

Conversions Part 1

Format	Color
Hex	83A597
RGB	131, 165, 151
RGB Percent	51%, 65%, 59%
CMY	0.4863, 0.3529, 0.4078
CMYK	0.21, 0.00, 0.08, 0.35
HSL	155°, 16%, 58%
HSV	155°, 21%, 65%
XYZ	28.4011, 33.9699, 34.3381
YIQ	153.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

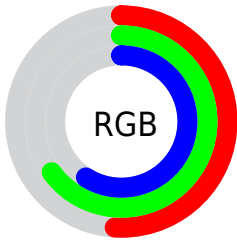
Format	Color
RYB	131, 152, 165
Decimal	8627607
CIELab	64.94, -14.60, 3.41
CIELCh	65, 14.994, 166.836
Yxy	33.9699, 0.2937, 0.3513
Android (android.graphics.Color)	4286817687 (0xFF83A597)
YUV	153.2380, -1.1033, -19.5027
Hunter-Lab	58.2837, -15.0151, 5.8676

Details

The XYZ color **28.4011, 33.9699, 34.3381** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7454, 26.2771, 30.3464**, and the grayscale version is **30.3922, 31.9750, 34.8208**.

A 20% lighter version of the original color is **56.3798, 65.7845, 67.4838**, and **11.5987, 14.4797, 14.2401** is the 20% darker color. If you saturate the color by 10%, you get **25.5104, 32.5425, 31.4051**, and if you desaturate by 10%, it is **31.7326, 35.6226, 37.4592**.

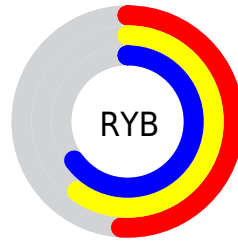
Distribution



Red (51%)

Green (65%)

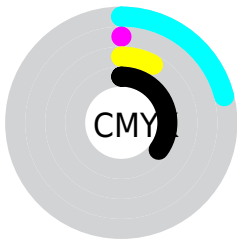
Blue (59%)



Red (51%)

Yellow (60%)

Blue (65%)

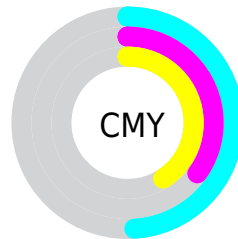


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4011, 33.9699, 34.3381 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 28.4011, 33.9699, 34.3381 by changing the saturation by 10% instead.

■ 28.4011, 33.9699,
34.3381

■ 28.4011, 33.9699,
34.3381

286.4240,
319.9978, 336.4521

■ 18.7702, 22.8705,
22.8740

■ 56.5284, 65.8869,
67.5990

■ 11.6074, 14.4979,
14.2961

■ 75.7555, 87.4732,
90.2329

■ 6.5472, 8.4678,
8.1858

■ 98.9120, 113.3239,
117.4271

■ 3.2244, 4.3957,
4.1246

126.3634,
143.8235, 149.6002

■ 1.2735, 1.8973,
1.6939

158.4749,
179.3563, 187.1707

■ 0.1633, 0.5467,
0.3566

195.6120,

■ 0.0000, 0.0000,

220.3067, 230.5571

0.0000

238.1399,
267.0590, 280.1781

■ 28.4011, 33.9699,
34.3381

■ 28.4011, 33.9699,
34.3381

■ 25.5104, 32.5425,
31.4051

■ 31.7326, 35.6226,
37.4592

■ 23.0378, 31.3262,
28.6543

■ 35.5204, 37.5060,
40.7697

■ 20.9629, 30.3113,
26.0825

■ 39.7829, 39.6302,
44.2739

■ 19.2625, 29.4860,
23.6858

■ 44.5365, 42.0038,
47.9750

■ 17.9108, 28.8371,
21.4600

■ 49.7969, 44.6347,
51.8763

■ 16.8785, 28.3494,
19.4005

■ 55.5790, 47.5307,
55.9811

■ 16.1312, 28.0054,
17.5026

■ 61.8972, 50.6989,
60.2923

■ 15.6160, 27.7756,
15.8607

■ 65.7588, 52.5967,
64.6723

■ 66.5990, 52.9328,
69.0971

Harmonies

Analogous

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



29.3451, 33.9699, 29.4163



28.4011, 33.9699, 34.3381



28.4645, 33.9699, 40.5491

Triad

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



28.4011, 33.9699, 34.3381



33.5081, 33.9699, 49.6126



35.2198, 33.9699, 28.9551

Complementary

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



28.4011, 33.9699, 34.3381



28.7454, 26.2771, 30.3464

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.



36.4380, 33.9699, 33.6407



28.4011, 33.9699, 34.3381



35.4200, 33.9699, 45.7576

Square

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



28.4011, 33.9699, 34.3381



31.3485, 33.9699, 49.8534



36.5129, 33.9699, 39.7697



33.2448, 33.9699, 26.5506

Rectangle

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



28.4011, 33.9699, 34.3381



29.0688, 33.9699, 44.6055



36.5129, 33.9699, 39.7697



35.7351, 33.9699, 30.2903

Sweetspot

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



28.4021, 33.9713, 34.3389



59.7754, 65.2591, 69.7073



29.2594, 34.5853, 26.6067



12.9792, 14.2227, 15.1613



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.4021, 33.9713, 34.3389



48.2555, 59.5475, 58.9056



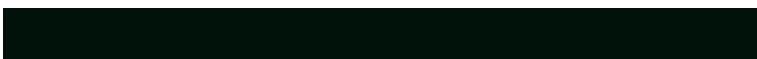
29.1024, 33.4427, 40.5202



7.1521, 7.9617, 8.4127



11.8384, 21.0217, 12.1313



0.2714, 0.4508, 0.3743

Inverse Universe

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



28.7454, 26.2771, 30.3464



48.9900, 43.1003, 50.3745



28.1169, 26.6430, 25.1339



7.1891, 7.1321, 7.9820



12.5506, 6.3763, 4.8242



0.2869, 0.1433, 0.2236

Previews

White Background



This preview shows how the XYZ color 28.4011, 33.9699, 34.3381 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 28.4011, 33.9699, 34.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

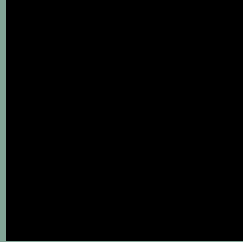
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4011, 33.9699, 34.3381

Background



This preview shows how black text looks on a background with the XYZ color 28.4011, 33.9699, 34.3381.



This preview shows how white text looks on a background with the XYZ color 28.4011, 33.9699,

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

28.4011, 33.9699, 34.3381

Protanopia

32.1456, 33.8706, 32.0376

Deuteranopia

34.5165, 33.7882, 35.2744



Tritanopia

30.5520, 34.0476, 45.0060

Trichromacy



Original Color

28.4011, 33.9699, 34.3381

Protanomaly

30.6786, 33.8590, 32.9355

Deuteranomaly

31.9073, 33.6830, 34.9568

Tritanomaly

29.8116, 34.0159, 41.0709

Monochromacy



Original Color

28.4011, 33.9699, 34.3381

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.4015, 32.4007, 34.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4011, 33.9699, 34.3381 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(131, 165, 151)` looks like.

```
.text, #text, p{  
    color:rgb(131, 165, 151)  
}
```

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(131, 165, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 165, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.4011, 33.9699, 34.3381 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(131, 165, 151) }
```


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

```
.border{ border-color:rgb(131, 165, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 165, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 165, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 165, 151);  
box-shadow:4px 4px 4px 4px rgb(131, 165,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4011, 33.9699, 34.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 165, 151) }
```

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

```
.background{ background-color: rgb(131,  
165, 151) }
```

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