

Converting Colors

XYZ(30.3272, 34.2967, 34.6143)

Have a look what the booklet for
XYZ(30.3272, 34.2967, 34.6143)
contains.

XYZ(30.4417, 34.4811, 34.7568)	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(30.4417, 34.4811,
34.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	91A398
RGB	145, 163, 152
RGB Percent	57%, 64%, 60%
CMY	0.4314, 0.3608, 0.4039
CMYK	0.11, 0.00, 0.07, 0.36
HSL	143°, 9%, 60%
HSV	143°, 11%, 64%
XYZ	30.4417, 34.4811, 34.7568
YIQ	156.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

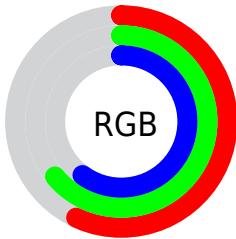
Format	Color
RYB	145, 158, 163
Decimal	9544600
CIELab	65.34, -8.52, 3.56
CIELCh	65, 9.234, 157.321
Yxy	34.4811, 0.3054, 0.3459
Android (android.graphics.Color)	4287734680 (0xFF91A398)
YUV	156.3640, -2.1515, -9.9662
Hunter-Lab	58.7206, -10.2238, 6.0106

Details

The XYZ color **30.4417, 34.4811, 34.7568** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2316, 30.4384, 35.6832**, and the grayscale version is **31.7749, 33.4297, 36.4049**.

A 20% lighter version of the original color is **59.7652, 66.7412, 68.1249**, and **12.6495, 14.6881, 14.4803** is the 20% darker color. If you saturate the color by 10%, you get **26.9911, 32.7936, 30.5138**, and if you desaturate by 10%, it is **34.3749, 36.4114, 39.3817**.

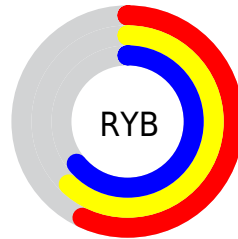
Distribution



Red (57%)

Green (64%)

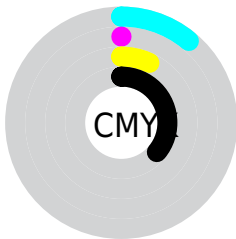
Blue (60%)



Red (57%)

Yellow (62%)

Blue (64%)

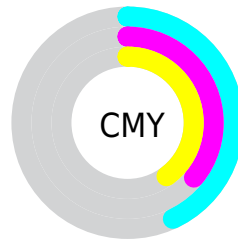


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4417, 34.4811, 34.7568 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 30.4417, 34.4811, 34.7568 by changing the saturation by 10% instead.

■ 30.4417, 34.4811,
34.7568

■ 30.4417, 34.4811,
34.7568

295.8309,
322.2720, 338.3651

■ 20.3238, 23.2634,
23.1935

■ 59.7418, 66.6811,
68.2561

■ 12.7403, 14.7881,
14.5298

■ 79.6548, 88.4323,
91.0293

■ 7.3257, 8.6708,
8.3472

103.5636,
114.4634, 118.3762

■ 3.7148, 4.5271,
4.2269

131.8334,
145.1588, 150.7153

■ 1.5421, 1.9726,
1.7506

164.8297,
180.9030, 188.4652

■ 0.3542, 0.5915,
0.3951

202.9178,

■ 0.0000, 0.0000,

222.0803, 232.0445

0.0000

246.4631,
269.0752, 281.8716

■ 30.4417, 34.4811,
34.7568

■ 30.4417, 34.4811,
34.7568

■ 26.9911, 32.7936,
30.5138

■ 34.3749, 36.4114,
39.3817

■ 24.0011, 31.3348,
26.6406

■ 38.8059, 38.5893,
44.3954

■ 21.4522, 30.0959,
23.1281

■ 43.7527, 41.0248,
49.8076

■ 19.3223, 29.0657,
19.9657

■ 49.2316, 43.7262,
55.6271

■ 17.5875, 28.2321,
17.1424

■ 55.2582, 46.7012,
61.8621

■ 16.2211, 27.5815,
14.6465

■ 61.8473, 49.9574,
68.5210

■ 15.1930, 27.0987,
12.4657

■ 67.4873, 52.7155,
75.5400

■ 14.4680, 26.7658,
10.5868

■ 68.8605, 53.2647,
82.7711

■ 14.0058, 26.5589,
9.1471

■ 70.3139, 53.8461,
90.4245

Harmonies

Analogous

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



31.2283, 34.4811, 31.9501



30.4417, 34.4811, 34.7568



30.2715, 34.4811, 38.4970

Triad

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



30.4417, 34.4811, 34.7568



33.1043, 34.4811, 45.3901



34.8759, 34.4811, 33.2251

Complementary

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



30.4417, 34.4811, 34.7568



31.2316, 30.4384, 35.6832

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.



35.4092, 34.4811, 36.6070



30.4417, 34.4811, 34.7568



34.3683, 34.4811, 43.7555

Square

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



30.4417, 34.4811, 34.7568



31.7850, 34.4811, 44.8104



35.2209, 34.4811, 40.4765



33.7818, 34.4811, 31.1090

Rectangle

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



30.4417, 34.4811, 34.7568



30.5262, 34.4811, 41.0516



35.2209, 34.4811, 40.4765



35.1280, 34.4811, 34.2422

Sweetspot

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



30.4427, 34.4826, 34.7576



60.0727, 64.4768, 68.8050



31.9389, 35.3182, 31.9222



13.3638, 14.4182, 15.3040



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.



30.4427, 34.4826, 34.7576



53.0873, 61.0519, 60.5178



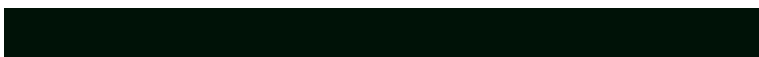
31.1996, 34.7853, 38.7434



7.0943, 7.9385, 8.1081



10.9055, 20.6486, 7.2189



0.2519, 0.4430, 0.2715

Inverse Universe

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



31.2316, 30.4384, 35.6832



54.7561, 52.4971, 62.4753



30.5050, 30.1478, 31.8568



7.2471, 7.1553, 8.2874



13.5350, 6.7700, 10.0076



0.3065, 0.1511, 0.3269

Previews

White Background



This preview shows how the XYZ color 30.4417, 34.4811, 34.7568 looks on a white background.

Color Contrast Check

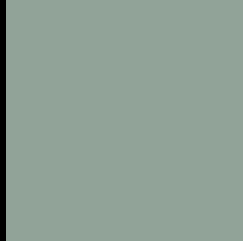
Large Text (above 18pt) WCAG AA × Fail

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 30.4417, 34.4811, 34.7568 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

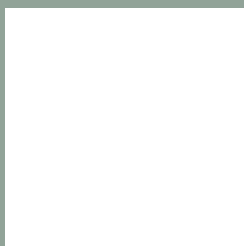
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4417, 34.4811, 34.7568

Background



This preview shows how black text looks on a background with the XYZ color 30.4417, 34.4811, 34.7568.



This preview shows how white text looks on a background with the XYZ color 30.4417, 34.4811,

34.7568.

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

30.4417, 34.4811, 34.7568

Protanopia

32.7559, 34.4102, 33.3492

Deuteranopia

34.9032, 34.2295, 35.3392



Tritanopia

32.3264, 34.4546, 44.4818

Trichromacy



Original Color

30.4417, 34.4811, 34.7568

Protanomaly

31.7861, 34.4115, 33.8209

Deuteranomaly

33.1166, 34.3064, 35.0134

Tritanomaly

31.5690, 34.4094, 40.5751

Monochromacy



Original Color

30.4417, 34.4811, 34.7568

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2634, 33.8382, 35.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4417, 34.4811, 34.7568 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(145, 163, 152) looks like.

```
.text, #text, p{  
    color:rgb(145, 163, 152)  
}
```

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(145, 163, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 163, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.4417, 34.4811, 34.7568 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(145, 163, 152) }
```


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

```
.border{ border-color:rgb(145, 163, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 163, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 163, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 163, 152);  
box-shadow:4px 4px 4px 4px rgb(145, 163,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4417, 34.4811, 34.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 163, 152) }
```

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

```
.background{ background-color: rgb(145,  
163, 152) }
```

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