

Converting Colors

XYZ(30.1366, 34.5212, 34.9904)

Have a look what the booklet for
XYZ(30.1366, 34.5212, 34.9904)
contains.

XYZ(30.0983, 34.5687, 34.7918)	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(30.0983, 34.5687,
34.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA498
RGB	142, 164, 152
RGB Percent	56%, 64%, 60%
CMY	0.4431, 0.3568, 0.4039
CMYK	0.13, 0.00, 0.07, 0.36
HSL	147°, 11%, 60%
HSV	147°, 13%, 64%
XYZ	30.0983, 34.5687, 34.7918
YIQ	156.0540, -9.2600, -8.3960

Conversions

Conversions Part 2

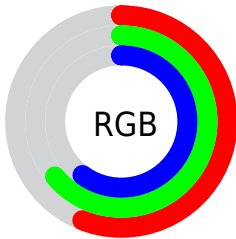
Format	Color
RYB	142, 157, 164
Decimal	9348248
CIELab	65.41, -10.11, 3.63
CIElCh	65, 10.741, 160.230
Yxy	34.5687, 0.3026, 0.3476
Android (android.graphics.Color)	4287538328 (0xFF8EA498)
YUV	156.0540, -1.9986, -12.3254
Hunter-Lab	58.7952, -11.5141, 6.0720

Details

The XYZ color **30.0983, 34.5687, 34.7918** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8169, 29.5725, 34.6574**, and the grayscale version is **31.6364, 33.2840, 36.2462**.

A 20% lighter version of the original color is **59.2370, 66.8550, 68.1747**, and **12.5568, 14.8032, 14.5074** is the 20% darker color. If you saturate the color by 10%, you get **26.7836, 32.9424, 30.9551**, and if you desaturate by 10%, it is **33.8842, 36.4335, 38.9405**.

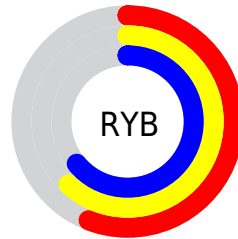
Distribution



Red (56%)

Green (64%)

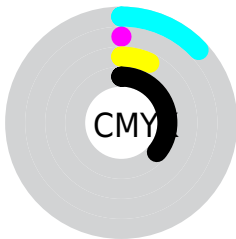
Blue (60%)



Red (56%)

Yellow (62%)

Blue (64%)

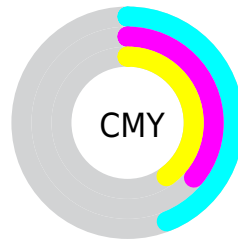


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0983, 34.5687, 34.7918 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 30.0983, 34.5687, 34.7918 by changing the saturation by 10% instead.

■ 30.0983, 34.5687,
34.7918

■ 30.0983, 34.5687,
34.7918

294.2640,
322.6605, 338.5247

■ 20.0617, 23.3308,
23.2203

■ 59.2032, 66.8171,
68.3110

■ 12.5484, 14.8380,
14.5494

■ 79.0021, 88.5964,
91.0958

■ 7.1932, 8.7058,
8.3607

■ 102.7858,
114.6583, 118.4554

■ 3.6306, 4.5498,
4.2355

130.9197,
145.3871, 150.8083

■ 1.4953, 1.9856,
1.7554

163.7691,
181.1674, 188.5732

■ 0.3227, 0.5991,
0.3983

201.6994,

■ 0.0000, 0.0000,

222.3835, 232.1685

0.0000

245.0759,
269.4197, 282.0128

■ 30.0983, 34.5687,
34.7918

■ 30.0983, 34.5687,
34.7918

■ 26.7836, 32.9424,
30.9551

■ 33.8842, 36.4335,
38.9405

■ 23.9181, 31.5404,
27.4211

■ 38.1566, 38.5416,
43.4060

■ 21.4821, 30.3538,
24.1828

■ 42.9335, 40.9031,
48.1958

■ 19.4534, 29.3711,
21.2325

■ 48.2312, 43.5263,
53.3163

■ 17.8075, 28.5801,
18.5620

■ 54.0652, 46.4191,
58.7739

■ 16.5175, 27.9668,
16.1626

■ 60.4503, 49.5889,
64.5749

■ 15.5523, 27.5155,
14.0253

■ 66.7340, 52.6994,
70.6939

■ 14.8753, 27.2075,
12.1403

■ 67.9129, 53.1709,
76.9020

■ 14.5303, 27.0539,
11.0301

■ 69.1557, 53.6680,
83.4462

Harmonies

Analogous

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



30.9462, 34.5687, 31.4206



30.0983, 34.5687, 34.7918



29.9760, 34.5687, 39.1950

Triad

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



30.0983, 34.5687, 34.7918



33.3953, 34.5687, 46.7990



35.2141, 34.5687, 32.3301

Complementary

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



30.0983, 34.5687, 34.7918



30.8169, 29.5725, 34.6574

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.



35.9159, 34.5687, 36.1256



30.0983, 34.5687, 34.7918



34.8439, 34.5687, 44.6290

Square

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



30.0983, 34.5687, 34.7918



31.8465, 34.5687, 46.3703



35.7783, 34.5687, 40.6384



33.8876, 34.5687, 30.0796

Rectangle

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



30.0983, 34.5687, 34.7918



30.3181, 34.5687, 42.1595



35.7783, 34.5687, 40.6384



35.5328, 34.5687, 33.4546

Sweetspot

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



30.0993, 34.5702, 34.7926



61.0226, 65.8932, 70.1661



31.5047, 35.3854, 30.7613



13.2265, 14.3493, 15.2169



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.



30.0993, 34.5702, 34.7926



52.8103, 61.8521, 61.0844



31.0339, 34.9440, 39.7142



7.1131, 7.9461, 8.2076



11.1641, 20.7520, 8.5806



0.2583, 0.4455, 0.3053

Inverse Universe

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



30.8169, 29.5725, 34.6574



54.3619, 51.0458, 60.7917



29.9494, 29.2256, 30.0895



7.2278, 7.1476, 8.1860



13.1607, 6.6203, 8.0368



0.3000, 0.1485, 0.2925

Previews

White Background



This preview shows how the XYZ color 30.0983, 34.5687, 34.7918 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 30.0983, 34.5687, 34.7918 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

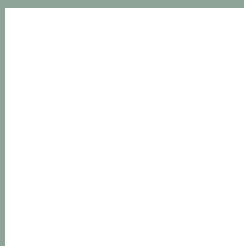
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0983, 34.5687, 34.7918

Background



This preview shows how black text looks on a background with the XYZ color 30.0983, 34.5687, 34.7918.

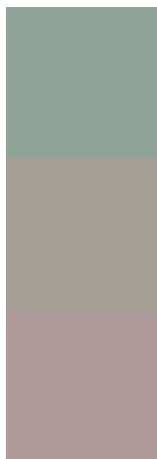


This preview shows how white text looks on a background with the XYZ color 30.0983, 34.5687,

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

30.0983, 34.5687, 34.7918

Protanopia

32.9615, 34.5162, 33.3588

Deuteranopia

34.9032, 34.2295, 35.3392



Tritanopia

32.2389, 34.6567, 45.0346

Trichromacy



Original Color

30.0983, 34.5687, 34.7918

Protanomaly

31.7861, 34.4115, 33.8209

Deuteranomaly

32.9110, 34.2004, 35.0037

Tritanomaly

31.4803, 34.6136, 41.0983

Monochromacy



Original Color

30.0983, 34.5687, 34.7918

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0770, 33.7421, 35.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0983, 34.5687, 34.7918 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(142, 164, 152) looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 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(142, 164, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.0983, 34.5687, 34.7918 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(142, 164, 152) }
```


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

```
.border{ border-color:rgb(142, 164, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 164, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 152);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0983, 34.5687, 34.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 152) }
```

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

```
.background{ background-color: rgb(142,  
164, 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