

Converting Colors

XYZ(30.7300, 35.2490, 38.1199)

Have a look what the booklet for
XYZ(30.7300, 35.2490, 38.1199)
contains.

XYZ(30.7094, 35.3511, 38.0058)	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(30.7094, 35.3511,
38.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA69F
RGB	140, 166, 159
RGB Percent	55%, 65%, 62%
CMY	0.4510, 0.3490, 0.3765
CMYK	0.16, 0.00, 0.04, 0.35
HSL	164°, 13%, 60%
HSV	164°, 16%, 65%
XYZ	30.7094, 35.3511, 38.0058
YIQ	157.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

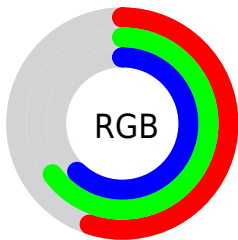
Format	Color
RYB	140, 155, 166
Decimal	9217695
CIELab	66.02, -10.44, 0.60
CIElCh	66, 10.461, 176.728
Yxy	35.3511, 0.2951, 0.3397
Android (android.graphics.Color)	4287407775 (0xFF8CA69F)
YUV	157.4280, 0.7750, -15.2844
Hunter-Lab	59.4568, -11.8542, 3.7206

Details

The XYZ color **30.7094, 35.3511, 38.0058** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.3716, 28.9705, 31.5963**, and the grayscale version is **32.2423, 33.9214, 36.9404**.

A 20% lighter version of the original color is **60.2422, 68.0373, 73.5757**, and **12.9405, 15.2910, 16.4568** is the 20% darker color. If you saturate the color by 10%, you get **27.7398, 33.8652, 35.8788**, and if you desaturate by 10%, it is **34.1171, 37.0631, 40.2281**.

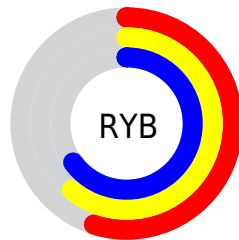
Distribution



Red (55%)

Green (65%)

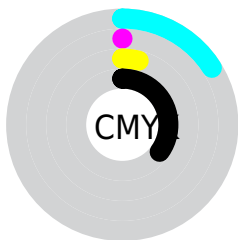
Blue (62%)



Red (55%)

Yellow (61%)

Blue (65%)

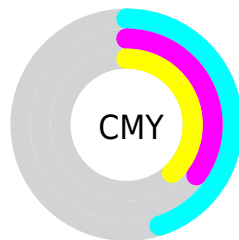


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7094, 35.3511, 38.0058 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 30.7094, 35.3511, 38.0058 by changing the saturation by 10% instead.

■ 30.7094, 35.3511,
38.0058

■ 30.7094, 35.3511,
38.0058

297.0481,
326.1154, 352.9438

■ 20.5284, 23.9335,
25.6853

■ 60.1612, 68.0293,
73.3205

■ 12.8902, 15.2843,
16.3647

■ 80.1628, 90.0587,
97.1519

■ 7.4295, 9.0191,
9.6255

■ 104.1685,
116.3941, 125.6573

■ 3.7808, 4.7537,
5.0490

132.5439,
147.4199, 159.2553

■ 1.5789, 2.1035,
2.2168

165.6541,
183.5206, 198.3644

■ 0.3786, 0.6666,
0.6840

203.8647,

■ 0.0000, 0.0000,

225.0804, 243.4031

0.0000

247.5409,
272.4839, 294.7901

■ 30.7094, 35.3511,
38.0058

■ 30.7094, 35.3511,
38.0058

■ 27.7398, 33.8652,
35.8788

■ 34.1171, 37.0631,
40.2281

■ 25.1862, 32.5912,
33.8430

■ 37.9776, 39.0060,
42.5448

■ 23.0293, 31.5201,
31.8974

■ 42.3088, 41.1899,
44.9583

■ 21.2468, 30.6404,
30.0403

■ 47.1265, 43.6229,
47.4701

■ 19.8144, 29.9397,
28.2698

■ 52.4460, 46.3129,
50.0815

■ 18.7047, 29.4038,
26.5836

■ 58.2817, 49.2674,
52.7940

■ 17.8859, 29.0164,
24.9796

■ 64.2034, 52.2644,
55.5882

■ 17.3171, 28.7563,
23.4549

■ 64.7006, 52.4633,
58.2067

■ 17.1065, 28.6616,
22.8162

■ 65.2130, 52.6682,
60.9050

Harmonies

Analogous

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



31.1676, 35.3511, 33.9925



30.7094, 35.3511, 38.0058



31.0059, 35.3511, 42.4625

Triad

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



30.7094, 35.3511, 38.0058



34.9596, 35.3511, 46.6361



35.2632, 35.3511, 31.7820

Complementary

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



30.7094, 35.3511, 38.0058



30.3716, 28.9705, 31.5963

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.



36.3352, 35.3511, 34.7758



30.7094, 35.3511, 38.0058



36.1561, 35.3511, 43.3706

Square

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



30.7094, 35.3511, 38.0058



33.4302, 35.3511, 47.6651



36.6669, 35.3511, 38.9810



33.7707, 35.3511, 30.5773

Rectangle

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



30.7094, 35.3511, 38.0058



31.5968, 35.3511, 45.0521



36.6669, 35.3511, 38.9810



35.6865, 35.3511, 32.6006

Sweetspot

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



30.7104, 35.3526, 38.0066



62.2939, 67.4526, 73.2420



30.4694, 35.4044, 30.0392



13.8402, 15.0444, 16.3278



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.



30.7104, 35.3526, 38.0066



53.6546, 63.1164, 67.5308



30.3337, 33.5989, 40.9647



7.6600, 8.4971, 9.1959



13.2848, 22.2327, 17.7983



0.3428, 0.5488, 0.5363

Inverse Universe

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



30.3716, 28.9705, 31.5963



52.9147, 49.1680, 53.5233



30.6831, 30.4463, 29.0709



7.6110, 7.5743, 8.2688



12.5748, 6.4386, 2.5723



0.3268, 0.1650, 0.1724

Previews

White Background



This preview shows how the XYZ color 30.7094, 35.3511, 38.0058 looks on a white background.

Color Contrast Check

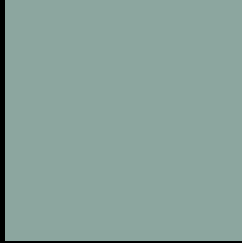
Large Text (above 18pt) WCAG AA × Fail

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 30.7094, 35.3511, 38.0058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

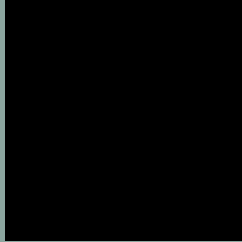
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.7094, 35.3511, 38.0058

Background



This preview shows how black text looks on a background with the XYZ color 30.7094, 35.3511, 38.0058.



This preview shows how white text looks on a background with the XYZ color 30.7094, 35.3511,

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

30.7094, 35.3511, 38.0058

Protanopia

33.6244, 35.0553, 36.0045

Deuteranopia

35.8336, 35.1299, 38.6103



Tritanopia

32.2614, 35.1686, 46.1622

Trichromacy



Original Color

30.7094, 35.3511, 38.0058

Protanomaly

32.4386, 35.2095, 36.5389

Deuteranomaly

33.6436, 35.0157, 38.2432

Tritanomaly

31.6865, 35.2040, 43.1552

Monochromacy



Original Color

30.7094, 35.3511, 38.0058

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5049, 34.1895, 37.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7094, 35.3511, 38.0058 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(140, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 159)  
}
```

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(140, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.7094, 35.3511, 38.0058 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(140, 166, 159) }
```


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

```
.border{ border-color:rgb(140, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7094, 35.3511, 38.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 159) }
```

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

```
.background{ background-color: rgb(140,  
166, 159) }
```

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