

Converting Colors

XYZ(30.0132, 35.2326, 39.4011)

Have a look what the booklet for
XYZ(30.0132, 35.2326, 39.4011)
contains.

XYZ(30.0132, 35.2326, 39.4011)	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(30.0132, 35.2326,
39.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	85A7A2
RGB	133, 167, 162
RGB Percent	52%, 65%, 64%
CMY	0.4784, 0.3451, 0.3647
CMYK	0.20, 0.00, 0.03, 0.35
HSL	171°, 16%, 59%
HSV	171°, 20%, 65%
XYZ	30.0132, 35.2326, 39.4011
YIQ	156.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

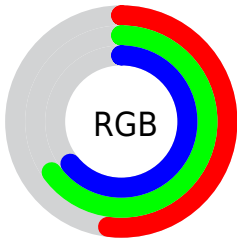
Format	Color
RYB	133, 151, 167
Decimal	8759202
CIELab	65.93, -12.66, -1.26
CIElCh	66, 12.724, 185.700
Yxy	35.2326, 0.2868, 0.3367
Android (android.graphics.Color)	4286949282 (0xFF85A7A2)
YUV	156.2640, 2.8278, -20.4025
Hunter-Lab	59.3571, -13.6184, 2.1933

Details

The XYZ color **30.0132, 35.2326, 39.4011** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9126, 26.8266, 27.7005**, and the grayscale version is **31.7124, 33.3639, 36.3333**.

A 20% lighter version of the original color is **59.1392, 67.8171, 75.6187**, and **12.5125, 15.2263, 17.0313** is the 20% darker color. If you saturate the color by 10%, you get **27.3673, 33.8945, 38.1489**, and if you desaturate by 10%, it is **33.0846, 36.7914, 40.6970**.

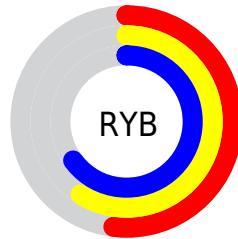
Distribution



Red (52%)

Green (65%)

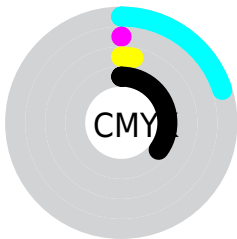
Blue (64%)



Red (52%)

Yellow (59%)

Blue (65%)

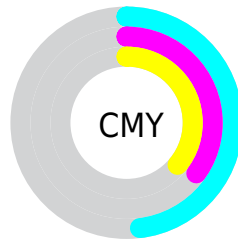


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0132, 35.2326, 39.4011 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 30.0132, 35.2326, 39.4011 by changing the saturation by 10% instead.

■ 30.0132, 35.2326,
39.4011

■ 30.0132, 35.2326,
39.4011

293.8747,
325.5938, 359.0695

■ 19.9967, 23.8421,
26.7617

■ 59.0695, 67.8459,
75.4777

■ 12.5009, 15.2165,
17.1635

■ 78.8401, 89.8376,
99.7520

■ 7.1604, 8.9715,
10.1879

■ 102.5928,
116.1317, 128.7417

■ 3.6098, 4.7226,
5.4165

130.6929,
147.1128, 162.8653

■ 1.4839, 2.0854,
2.4307

163.5057,
183.1651, 202.5413

■ 0.3148, 0.6564,
0.8031

201.3968,

■ 0.0000, 0.0000,

224.6731, 248.1884

0.0000

244.7313,
272.0212, 300.2249

■ 30.0132, 35.2326,
39.4011

■ 30.0132, 35.2326,
39.4011

■ 27.3673, 33.8945,
38.1489

■ 33.0846, 36.7914,
40.6970

■ 25.1241, 32.7626,
36.9370

■ 36.5970, 38.5761,
42.0351

■ 23.2633, 31.8273,
35.7650

■ 40.5687, 40.5971,
43.4173

■ 21.7614, 31.0766,
34.6317

■ 45.0162, 42.8630,
44.8444

■ 20.5924, 30.4970,
33.5358

■ 49.9552, 45.3816,
46.3172

■ 19.7270, 30.0735,
32.4757

■ 55.4004, 48.1607,
47.8367

■ 19.1304, 29.7880,
31.4498

■ 61.3663, 51.2078,
49.4035

■ 18.7345, 29.6047,
30.4893

■ 63.4674, 52.2619,
50.8125

■ 63.7230, 52.3641,
52.1585

Harmonies

Analogous

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



30.2956, 35.2326, 34.2523



30.0132, 35.2326, 39.4011



30.6331, 35.2326, 44.7353

Triad

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



30.0132, 35.2326, 39.4011



35.6445, 35.2326, 47.4120



34.9994, 35.2326, 29.6684

Complementary

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



30.0132, 35.2326, 39.4011



28.9126, 26.8266, 27.7005

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.



36.5140, 35.2326, 32.6253



30.0132, 35.2326, 39.4011



36.8962, 35.2326, 42.7886

Square

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



30.0132, 35.2326, 39.4011



33.8483, 35.2326, 49.6302



37.2201, 35.2326, 37.3419



33.1293, 35.2326, 28.9437

Rectangle

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



30.0132, 35.2326, 39.4011



31.4888, 35.2326, 47.5794



37.2201, 35.2326, 37.3419



35.5691, 35.2326, 30.4198

Sweetspot

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



30.0142, 35.2341, 39.4019



61.8252, 67.1962, 73.8917



28.5513, 34.7442, 27.3925



13.7494, 14.9936, 16.5025



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.



30.0142, 35.2341, 39.4019



51.7300, 62.0756, 69.6399



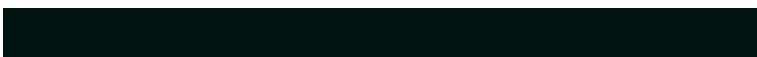
28.3870, 31.2538, 41.0973



7.6994, 8.5128, 9.4031



14.3492, 22.6585, 23.4037



0.3616, 0.5563, 0.6351

Inverse Universe

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



28.9126, 26.8266, 27.7005



49.4307, 44.5197, 45.2108



30.2813, 30.1304, 26.4108



7.5744, 7.5596, 8.0761



12.3372, 6.3436, 1.3211



0.3131, 0.1595, 0.1005

Previews

White Background



This preview shows how the XYZ color 30.0132, 35.2326, 39.4011 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 30.0132, 35.2326, 39.4011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

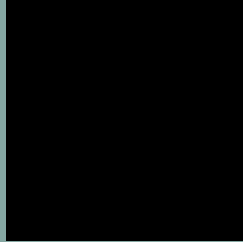
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0132, 35.2326, 39.4011

Background



This preview shows how black text looks on a background with the XYZ color 30.0132, 35.2326, 39.4011.

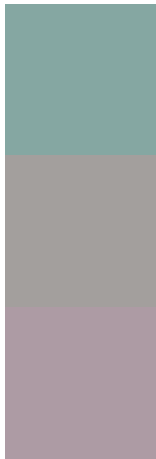


This preview shows how white text looks on a background with the XYZ color 30.0132, 35.2326,

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

30.0132, 35.2326, 39.4011

Protanopia

33.5882, 35.0171, 36.8870

Deuteranopia

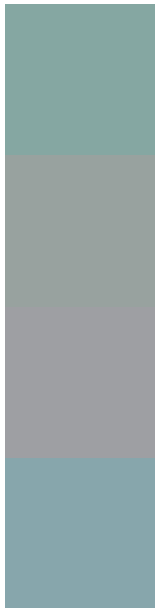
35.6558, 35.0073, 39.9998



Tritanopia

31.6444, 35.3589, 47.2766

Trichromacy



Original Color

30.0132, 35.2326, 39.4011

Protanomaly

32.1272, 35.0193, 37.8670

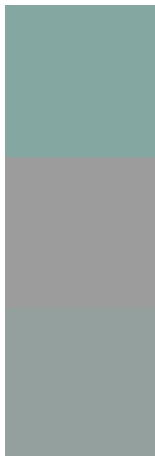
Deuteranomaly

33.1095, 34.7097, 39.6049

Tritanomaly

31.0743, 35.4019, 44.2252

Monochromacy



Original Color

30.0132, 35.2326, 39.4011

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.9551, 33.9061, 37.2608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0132, 35.2326, 39.4011 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(133, 167, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 167, 162)  
}
```

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(133, 167, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 167, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.0132, 35.2326, 39.4011 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(133, 167, 162) }
```


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

```
.border{ border-color:rgb(133, 167, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 167, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 167,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0132, 35.2326, 39.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 167, 162) }
```

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

```
.background{ background-color: rgb(133,  
167, 162) }
```

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