

Converting Colors

XYZ(30.9464, 34.8778, 41.4256)

Have a look what the booklet for
XYZ(30.9464, 34.8778, 41.4256)
contains.

XYZ(30.8980, 34.8299, 41.6536)	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(30.8980, 34.8299,
41.6536)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA4A7
RGB	139, 164, 167
RGB Percent	55%, 64%, 65%
CMY	0.4549, 0.3568, 0.3451
CMYK	0.17, 0.02, 0.00, 0.35
HSL	186°, 14%, 60%
HSV	186°, 17%, 65%
XYZ	30.8980, 34.8299, 41.6536
YIQ	156.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

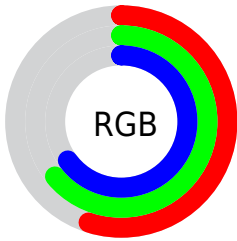
Format	Color
RYB	139, 152, 167
Decimal	9151655
CIELab	65.62, -8.00, -4.47
CIElCh	66, 9.162, 209.201
Yxy	34.8299, 0.2877, 0.3244
Android (android.graphics.Color)	4287341735 (0xFF8BA4A7)
YUV	156.8670, 4.9956, -15.6694
Hunter-Lab	59.0169, -9.8267, -0.5346

Details

The XYZ color **30.8980, 34.8299, 41.6536** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2699, 29.4257, 28.5111**, and the grayscale version is **31.9722, 33.6373, 36.6310**.

A 20% lighter version of the original color is **60.5087, 67.2744, 78.9034**, and **12.9132, 14.9009, 18.4152** is the 20% darker color. If you saturate the color by 10%, you get **28.0023, 32.8663, 41.4278**, and if you desaturate by 10%, it is **34.2262, 37.0250, 41.9024**.

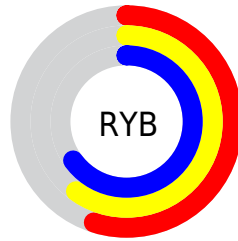
Distribution



Red (55%)

Green (64%)

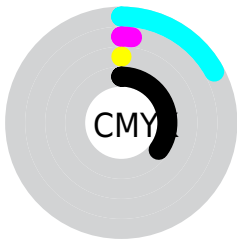
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

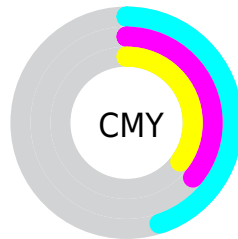


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8980, 34.8299, 41.6536 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 30.8980, 34.8299, 41.6536 by changing the saturation by 10% instead.

■ 30.8980, 34.8299,
41.6536

■ 30.8980, 34.8299,
41.6536

297.9034,
323.8169, 368.8022

■ 20.6726, 23.5319,
28.5066

■ 60.4564, 67.2222,
78.9395

■ 12.9960, 14.9867,
18.4655

■ 80.5201, 89.0852,
103.9155

■ 7.5028, 8.8101,
11.1118

■ 104.5940,
115.2387, 133.6716

■ 3.8276, 4.6175,
6.0270

133.0434,
146.0671, 168.6263

■ 1.6051, 2.0246,
2.7924

166.2337,
181.9547, 209.1982

■ 0.3957, 0.6217,
0.9897

204.5302,

■ 0.0000, 0.0000,

223.2859, 255.8058

0.0000

248.2984,
270.4452, 308.8676

■ 30.8980, 34.8299,
41.6536

■ 30.8980, 34.8299,
41.6536

■ 28.0023, 32.8663,
41.4278

■ 34.2262, 37.0250,
41.9024

■ 25.5168, 31.1199,
41.2217

■ 38.0019, 39.4565,
42.1728

■ 23.4217, 29.5814,
41.0351

■ 42.2432, 42.1348,
42.4662

■ 21.6945, 28.2392,
40.8671

■ 46.9662, 45.0682,
42.7835

■ 20.3102, 27.0803,
40.7164

■ 52.1863, 48.2646,
43.1253

■ 19.2407, 26.0902,
40.5816

■ 57.9180, 51.7317,
43.4924

■ 18.4534, 25.2521,
40.4614

■ 63.8426, 55.3049,
43.8699

■ 17.9012, 24.5417,
40.3533

■ 64.1969, 56.0135,
43.9879

■ 17.7417, 24.3232,
40.3196

■ 64.5558, 56.7313,
44.1076

Harmonies

Analogous

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



30.5854, 34.8299, 37.8206



30.8980, 34.8299, 41.6536



31.7980, 34.8299, 44.6489

Triad

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



30.8980, 34.8299, 41.6536



35.3765, 34.8299, 41.8444



33.1409, 34.8299, 30.9890

Complementary

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



30.8980, 34.8299, 41.6536



30.2699, 29.4257, 28.5111

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.



34.4468, 34.8299, 31.9105



30.8980, 34.8299, 41.6536



35.7588, 34.8299, 38.0273

Square

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



30.8980, 34.8299, 41.6536



34.3827, 34.8299, 44.7642



35.4142, 34.8299, 34.4236



31.8589, 34.8299, 31.8184

Rectangle

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



30.8980, 34.8299, 41.6536



32.6225, 34.8299, 45.6751



35.4142, 34.8299, 34.4236



33.5918, 34.8299, 31.1032

Sweetspot

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



30.8990, 34.8313, 41.6544



62.3721, 67.0078, 75.1217



29.3343, 35.0741, 30.7371



13.8600, 14.9316, 16.8037



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.



30.8990, 34.8313, 41.6544



53.3847, 61.0680, 74.4489



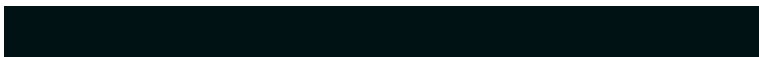
28.5615, 30.1563, 40.8752



7.6779, 8.3928, 9.6336



13.5974, 18.6550, 30.8596



0.3497, 0.4916, 0.7571

Inverse Universe

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



31.8707, 29.3619, 39.1112



55.4588, 49.5132, 68.9932



32.4521, 33.7901, 29.2386



7.8068, 7.6526, 9.2997



16.3640, 7.9543, 22.5259



0.4077, 0.1973, 0.5982

Previews

White Background



This preview shows how the XYZ color 30.8980, 34.8299, 41.6536 looks on a white background.

Color Contrast Check

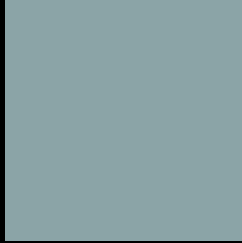
Large Text (above 18pt) WCAG AA × Fail

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 30.8980, 34.8299, 41.6536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

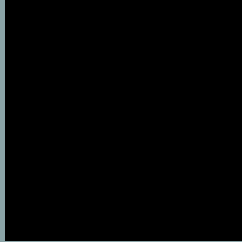
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

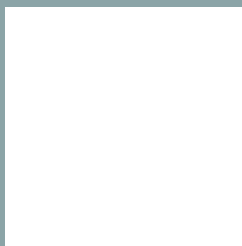
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8980, 34.8299, 41.6536

Background



This preview shows how black text looks on a background with the XYZ color 30.8980, 34.8299, 41.6536.



This preview shows how white text looks on a background with the XYZ color 30.8980, 34.8299,

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

30.8980, 34.8299, 41.6536

Protanopia

33.6256, 34.7111, 40.0496

Deuteranopia

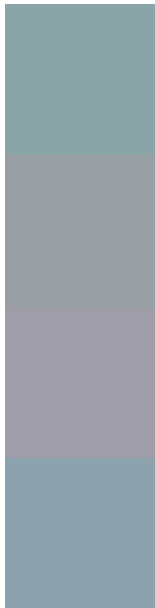
35.2946, 34.5218, 42.3393



Tritanopia

31.9182, 34.9917, 46.1461

Trichromacy



Original Color

30.8980, 34.8299, 41.6536

Protanomaly

32.4992, 34.6305, 40.5688

Deuteranomaly

33.5928, 34.6518, 41.9637

Tritanomaly

31.4552, 34.7870, 44.5919

Monochromacy



Original Color

30.8980, 34.8299, 41.6536

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5815, 34.1989, 38.6547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8980, 34.8299, 41.6536 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(139, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 164, 167)  
}
```

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(139, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 164, 167) }
```

Border

The CSS property to change the border of an element to XYZ 30.8980, 34.8299, 41.6536 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(139, 164, 167) }
```


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

```
.border{ border-color:rgb(139, 164, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(139, 164,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8980, 34.8299, 41.6536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 164, 167) }
```

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

```
.background{ background-color: rgb(139,  
164, 167) }
```

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