

Converting Colors

XYZ(30.4175, 34.4677, 37.1914)

Have a look what the booklet for
XYZ(30.4175, 34.4677, 37.1914)
contains.

XYZ(30.4241, 34.4138, 37.3868)	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(30.4241, 34.4138,
37.3868)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA39E
RGB	142, 163, 158
RGB Percent	56%, 64%, 62%
CMY	0.4431, 0.3608, 0.3804
CMYK	0.13, 0.00, 0.03, 0.36
HSL	166°, 10%, 60%
HSV	166°, 13%, 64%
XYZ	30.4241, 34.4138, 37.3868
YIQ	156.1510, -10.9110, -6.0070

Conversions

Conversions Part 2

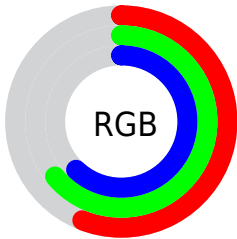
Format	Color
RYB	142, 154, 163
Decimal	9347998
CIELab	65.29, -8.36, 0.10
CIELCh	65, 8.358, 179.282
Yxy	34.4138, 0.2976, 0.3366
Android (android.graphics.Color)	4287538078 (0xFF8EA39E)
YUV	156.1510, 0.9116, -12.4104
Hunter-Lab	58.6633, -10.0866, 3.2781

Details

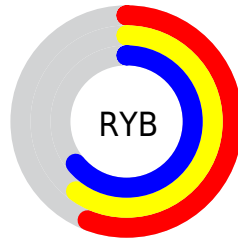
The XYZ color **30.4241, 34.4138, 37.3868** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0450, 29.2400, 31.6657**, and the grayscale version is **31.6677, 33.3169, 36.2821**.

A 20% lighter version of the original color is **59.8466, 66.6827, 72.6676**, and **12.7519, 14.7057, 16.0763** is the 20% darker color. If you saturate the color by 10%, you get **27.5006, 32.9457, 35.5335**, and if you desaturate by 10%, it is **33.7691, 36.0999, 39.3164**.

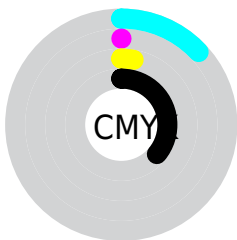
Distribution



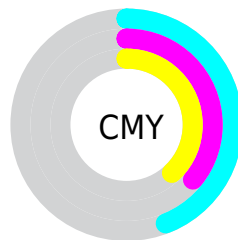
- Red (56%)
- Green (64%)
- Blue (62%)



- Red (56%)
- Yellow (60%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4241, 34.4138, 37.3868 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 30.4241, 34.4138, 37.3868 by changing the saturation by 10% instead.

■ 30.4241, 34.4138,
37.3868

■ 30.4241, 34.4138,
37.3868

295.7508,
321.9733, 350.2011

■ 20.3104, 23.2117,
25.2090

■ 59.7143, 66.5766,
72.3602

■ 12.7304, 14.7499,
16.0124

■ 79.6214, 88.3062,
95.9930

■ 7.3189, 8.6440,
9.3785

■ 103.5238,
114.3136, 124.2811

■ 3.7104, 4.5097,
4.8887

131.7866,
144.9833, 157.6431

■ 1.5397, 1.9626,
2.1245

164.7754,
180.6998, 196.4975

■ 0.3526, 0.5856,
0.6303

202.8555,

■ 0.0000, 0.0000,

221.8473, 241.2630

0.0000

246.3922,
268.8103, 292.3580

■ 30.4241, 34.4138,
37.3868

■ 30.4241, 34.4138,
37.3868

■ 27.5006, 32.9457,
35.5335

■ 33.7691, 36.0999,
39.3164

■ 24.9780, 31.6820,
33.7528

■ 37.5494, 38.0083,
41.3213

■ 22.8381, 30.6144,
32.0442

■ 41.7817, 40.1484,
43.4034

■ 21.0603, 29.7323,
30.4061

■ 46.4810, 42.5280,
45.5640

■ 19.6219, 29.0240,
28.8370

■ 51.6617, 45.1545,
47.8042

■ 18.4977, 28.4766,
27.3351

■ 57.3373, 48.0349,
50.1251

■ 17.6588, 28.0750,
25.8986

■ 63.1136, 50.9660,
52.5087

■ 17.0709, 27.8018,
24.5253

■ 63.5297, 51.1324,
54.6999

■ 16.7473, 27.6554,
23.5836

■ 63.9571, 51.3034,
56.9505

Harmonies

Analogous

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



30.7379, 34.4138, 34.1496



30.4241, 34.4138, 37.3868



30.7098, 34.4138, 40.8462

Triad

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



30.4241, 34.4138, 37.3868



33.8676, 34.4138, 43.6274



33.9196, 34.4138, 31.9981

Complementary

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



30.4241, 34.4138, 37.3868



30.0450, 29.2400, 31.6657

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.



34.7937, 34.4138, 34.2867



30.4241, 34.4138, 37.3868



34.7632, 34.4138, 41.0005

Square

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



30.4241, 34.4138, 37.3868



32.6799, 34.4138, 44.5817



35.1061, 34.4138, 37.5549



32.7386, 34.4138, 31.1593

Rectangle

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



30.4241, 34.4138, 37.3868



31.2060, 34.4138, 42.7848



35.1061, 34.4138, 37.5549



34.2601, 34.4138, 32.6160

Sweetspot

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



30.4251, 34.4152, 37.3876



59.7221, 64.2694, 69.9912



30.0583, 34.3751, 30.6426



13.3112, 14.3831, 15.6625



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.



30.4251, 34.4152, 37.3876



53.1655, 60.9676, 66.1481



29.9515, 32.7649, 39.3977



7.2036, 7.9823, 8.6841



13.0334, 21.4997, 18.4241



0.2904, 0.4584, 0.4745

Inverse Universe

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



30.0450, 29.2400, 31.6657



52.3716, 50.1560, 54.1955



30.4605, 30.6858, 29.9093



7.1397, 7.1123, 7.7222



12.0366, 6.1707, 2.1173



0.2700, 0.1365, 0.1342

Previews

White Background



This preview shows how the XYZ color 30.4241, 34.4138, 37.3868 looks on a white background.

Color Contrast Check

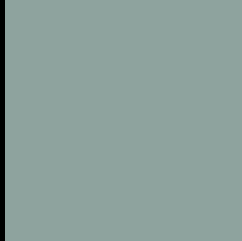
Large Text (above 18pt) WCAG AA × Fail

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 30.4241, 34.4138, 37.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

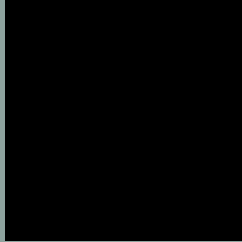
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

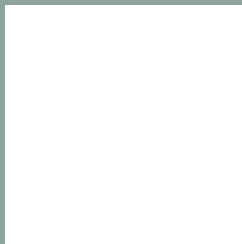
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4241, 34.4138, 37.3868

Background



This preview shows how black text looks on a background with the XYZ color 30.4241, 34.4138, 37.3868.



This preview shows how white text looks on a background with the XYZ color 30.4241, 34.4138,

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

30.4241, 34.4138, 37.3868

Protanopia

32.8737, 34.1619, 35.8716

Deuteranopia

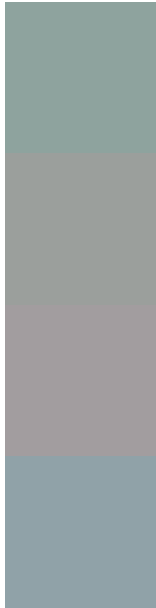
34.9700, 34.2048, 38.0168



Tritanopia

31.9647, 34.5266, 44.5147

Trichromacy



Original Color

30.4241, 34.4138, 37.3868

Protanomaly

31.9165, 34.1651, 36.3648

Deuteranomaly

33.2153, 34.2985, 37.6705

Tritanomaly

31.4898, 34.5971, 42.0640

Monochromacy



Original Color

30.4241, 34.4138, 37.3868

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2464, 33.8099, 36.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4241, 34.4138, 37.3868 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, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 158)  
}
```

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, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.4241, 34.4138, 37.3868 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, 163, 158) }
```


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

```
.border{ border-color:rgb(142, 163, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 163, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 163, 158); box-shadow:4px 4px 4px 4px rgb(142, 163, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4241, 34.4138, 37.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 158) }
```

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

```
.background{ background-color: rgb(142,  
163, 158) }
```

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