

Converting Colors

XYZ(34.4319, 38.7777, 30.5778)

Have a look what the booklet for
XYZ(34.4319, 38.7777, 30.5778)
contains.

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Color

**XYZ(34.4008, 38.8058,
30.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AB8C
RGB	163, 171, 140
RGB Percent	64%, 67%, 55%
CMY	0.3608, 0.3294, 0.4510
CMYK	0.05, 0.00, 0.18, 0.33
HSL	75°, 16%, 61%
HSV	75°, 18%, 67%
XYZ	34.4008, 38.8058, 30.4881
YIQ	165.0740, 5.1830, -11.3370

Conversions

Conversions Part 2

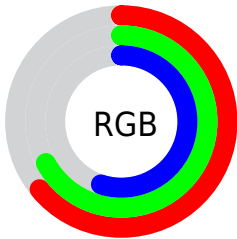
Format	Color
RYB	140, 171, 148
Decimal	10726284
CIELab	68.61, -8.37, 15.04
CIELCh	69, 17.211, 119.116
Yxy	38.8058, 0.3318, 0.3742
Android (android.graphics.Color)	4288916364 (0xFFA3AB8C)
YUV	165.0740, -12.3615, -1.8189
Hunter-Lab	62.2943, -10.4419, 14.5883

Details

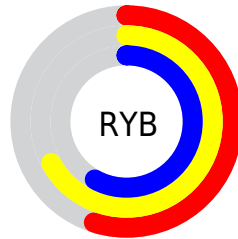
The XYZ color **34.4008, 38.8058, 30.4881** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.9430, 27.9934, 42.4080**, and the grayscale version is **35.8562, 37.7236, 41.0810**.

A 20% lighter version of the original color is **65.8474, 73.1932, 61.6961**, and **14.9978, 17.3113, 12.2238** is the 20% darker color. If you saturate the color by 10%, you get **32.3488, 37.8837, 24.3137**, and if you desaturate by 10%, it is **36.6824, 39.8260, 37.6977**.

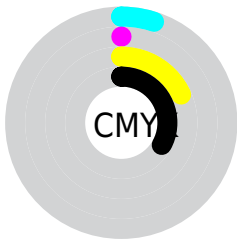
Distribution



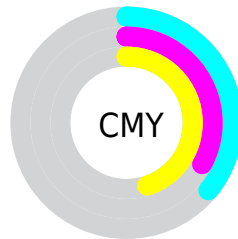
- Red (64%)
- Green (67%)
- Blue (55%)



- Red (55%)
- Yellow (67%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)





- Cyan (36%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4008, 38.8058, 30.4881 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 34.4008, 38.8058, 30.4881 by changing the saturation by 10% instead.


 34.4008, 38.8058,
30.4881


 34.4008, 38.8058,
30.4881


313.4701,
341.0641, 318.4509


 23.3660, 26.6087,
19.9542


 65.8966, 73.3416,
61.5033

 14.9862, 17.2796,
12.1780


 87.0884, 96.4490,
82.8217

 8.8959, 10.4340,
6.7410


 112.3965,
123.9620, 108.5720

 4.7299, 5.6877,
3.2247

142.1863,
156.2649, 139.1727

 2.1228, 2.6561,
1.2105

176.8233,
193.7422, 175.0424

 0.7016, 0.9549,
0.0000

216.6726,

 0.0000, 0.0000,

236.7782, 216.5997

0.0000

262.0998,
285.7574, 264.2630

■ 34.4008, 38.8058,
30.4881

■ 34.4008, 38.8058,
30.4881

■ 32.3488, 37.8837,
24.3137

■ 36.6824, 39.8260,
37.6977

■ 30.5140, 37.0507,
19.1246

■ 39.1994, 40.9427,
45.9846

■ 28.8873, 36.3046,
14.8703

■ 41.9608, 42.1610,
55.3914

■ 27.4579, 35.6410,
11.4949

■ 44.9747, 43.4839,
65.9577

■ 26.2136, 35.0549,
8.9365

■ 48.2485, 44.9146,
77.7213

■ 25.1408, 34.5408,
7.1253

■ 51.7892, 46.4559,
90.7181

■ 24.2238, 34.0925,
5.9796

■ 54.8369, 47.8039,
100.9446

■ 23.4359, 33.6991,
5.3612

■ 55.9861, 48.3963,
100.9984

■ 23.2950, 33.6286,
5.2632

■ 57.1693, 49.0063,
101.0538

Harmonies

Analogous

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



36.9644, 38.8058, 28.9943



34.4008, 38.8058, 30.4881



32.5814, 38.8058, 35.0320

Triad

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



34.4008, 38.8058, 30.4881



34.2678, 38.8058, 56.4308



42.3552, 38.8058, 42.4841

Complementary

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



34.4008, 38.8058, 30.4881



28.9430, 27.9934, 42.4080

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.



41.5491, 38.8058, 50.4036



34.4008, 38.8058, 30.4881



36.8032, 38.8058, 59.0394

Square

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



34.4008, 38.8058, 30.4881



32.5073, 38.8058, 49.9554



39.4834, 38.8058, 56.7110



41.6364, 38.8058, 35.3859

Rectangle

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



34.4008, 38.8058, 30.4881



31.9898, 38.8058, 39.4916



39.4834, 38.8058, 56.7110



42.2530, 38.8058, 45.1401

Sweetspot

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



34.4018, 38.8075, 30.4889



67.0183, 71.9119, 71.8169



32.0803, 31.6540, 29.2305



14.8783, 16.0068, 15.7965



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.4018, 38.8075, 30.4889



59.9938, 68.7735, 49.6696



31.4654, 37.2937, 30.3515



8.4578, 9.2246, 8.5481



17.6109, 25.3758, 3.9698



0.5370, 0.7302, 0.1126

Inverse Universe

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



28.9430, 27.9934, 42.4080



48.2796, 45.5639, 75.2520



31.8856, 29.5103, 42.5457



7.7655, 7.8534, 10.0593



6.3720, 2.6447, 29.2192



0.2283, 0.0999, 0.8152

Previews

White Background



This preview shows how the XYZ color 34.4008, 38.8058, 30.4881 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 34.4008, 38.8058, 30.4881 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

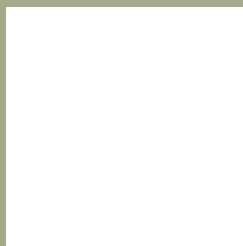
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4008, 38.8058, 30.4881

Background



This preview shows how black text looks on a background with the XYZ color 34.4008, 38.8058, 30.4881.



This preview shows how white text looks on a background with the XYZ color 34.4008, 38.8058,

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

34.4008, 38.8058, 30.4881

Protanopia

36.5376, 38.8195, 29.6119

Deuteranopia

39.3656, 38.6492, 30.9764



Tritanopia

38.1351, 38.9621, 48.1583

Trichromacy



Original Color

34.4008, 38.8058, 30.4881

Protanomaly

35.6761, 38.6400, 30.0040

Deuteranomaly

37.3189, 38.6571, 30.6940

Tritanomaly

36.7305, 38.9374, 41.1771

Monochromacy



Original Color

34.4008, 38.8058, 30.4881

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1293, 37.9302, 36.9222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4008, 38.8058, 30.4881 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(163, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 140)  
}
```

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(163, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.4008, 38.8058, 30.4881 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(163, 171, 140) }
```


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

```
.border{ border-color:rgb(163, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4008, 38.8058, 30.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 140) }
```

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

```
.background{ background-color: rgb(163,  
171, 140) }
```

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](#).

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