

Converting Colors

XYZ(34.5292, 40.5965, 36.0266)

Have a look what the booklet for
XYZ(34.5292, 40.5965, 36.0266)
contains.

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Color

**XYZ(34.4208, 40.4196,
36.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	98B199
RGB	152, 177, 153
RGB Percent	60%, 69%, 60%
CMY	0.4039, 0.3059, 0.4000
CMYK	0.14, 0.00, 0.14, 0.31
HSL	122°, 14%, 65%
HSV	122°, 14%, 69%
XYZ	34.4208, 40.4196, 36.1246
YIQ	166.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

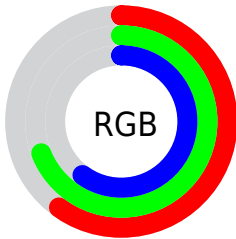
Format	Color
RYB	152, 176, 177
Decimal	10006937
CIELab	69.77, -13.29, 9.42
CIELCh	70, 16.291, 144.679
Yxy	40.4196, 0.3102, 0.3643
Android (android.graphics.Color)	4288197017 (0xFF98B199)
YUV	166.7890, -6.7980, -12.9700
Hunter-Lab	63.5764, -14.6173, 10.8145

Details

The XYZ color **34.4208, 40.4196, 36.1246** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1976, 34.9391, 45.8595**, and the grayscale version is **36.6634, 38.5727, 42.0057**.

A 20% lighter version of the original color is **65.8550, 75.9046, 70.2116**, and **14.9728, 18.1413, 15.2828** is the 20% darker color. If you saturate the color by 10%, you get **30.0470, 38.3168, 29.1083**, and if you desaturate by 10%, it is **39.4911, 42.8607, 44.2186**.

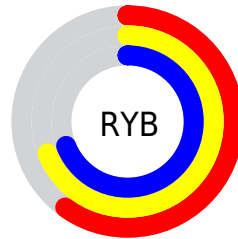
Distribution



Red (60%)

Green (69%)

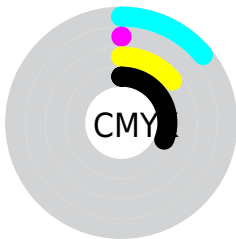
Blue (60%)



Red (60%)

Yellow (69%)

Blue (69%)

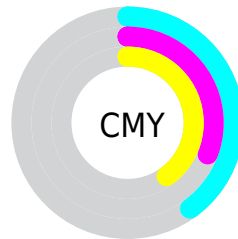


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (40%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4208, 40.4196, 36.1246 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 34.4208, 40.4196, 36.1246 by changing the saturation by 10% instead.

 34.4208, 40.4196,
36.1246


 34.4208, 40.4196,
36.1246


313.5573,
347.8890, 344.5587

 23.3815, 27.8659,
24.2400


 65.9275, 75.8020,
70.3955

 14.9977, 18.2246,
15.2979


 87.1255, 99.3995,
93.6190

 8.9041, 11.1113,
8.8798


112.4405,
127.4470, 121.4591

 4.7353, 6.1418,
4.5671

142.2378,
160.3290, 154.3344

 2.1259, 2.9315,
1.9413

176.8828,
198.4298, 192.6635

 0.7033, 1.0961,
0.5188

216.7408,

 0.0000, 0.0000,

242.1338, 236.8648

0.0000

262.1772,
291.8254, 287.3571

■ 34.4208, 40.4196,
36.1246

■ 34.4208, 40.4196,
36.1246

■ 30.0470, 38.3168,
29.1083

■ 39.4911, 42.8607,
44.2186

■ 26.3362, 36.5325,
23.1216

■ 45.2830, 45.6487,
53.4301

■ 23.2571, 35.0527,
18.1170

■ 51.8244, 48.7981,
63.8003

■ 20.7744, 33.8604,
14.0420

■ 59.1407, 52.3214,
75.3676

■ 18.8495, 32.9370,
10.8394

■ 67.2562, 56.2301,
88.1684

■ 17.4392, 32.2615,
8.4455

■ 75.0056, 59.9229,
102.1822

■ 16.4941, 31.8100,
6.7883

■ 75.0129, 59.9259,
102.2210

■ 15.9548, 31.5537,
5.7825

■ 15.7617, 31.4614,
5.4453

Harmonies

Analogous

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



36.3358, 40.4196, 32.0719



34.4208, 40.4196, 36.1246



33.5792, 40.4196, 42.6748

Triad

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



34.4208, 40.4196, 36.1246



37.9485, 40.4196, 60.1399



43.2199, 40.4196, 38.2119

Complementary

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



34.4208, 40.4196, 36.1246



37.1976, 34.9391, 45.8595

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.



43.6998, 40.4196, 45.3729



34.4208, 40.4196, 36.1246



40.5775, 40.4196, 58.5945

Square

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



34.4208, 40.4196, 36.1246



35.5553, 40.4196, 56.9771



42.7124, 40.4196, 52.9669



41.4295, 40.4196, 33.1767

Rectangle

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



34.4208, 40.4196, 36.1246



33.7109, 40.4196, 47.7998



42.7124, 40.4196, 52.9669



43.5432, 40.4196, 40.4261

Sweetspot

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



34.4219, 40.4213, 36.1255



70.7795, 76.7852, 79.2789



39.3336, 42.9629, 35.9257



15.1838, 16.5659, 16.9337



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.4219, 40.4213, 36.1255



59.0340, 71.1333, 60.5147



35.4942, 40.8502, 41.7720



8.4023, 9.4954, 9.1122



11.4248, 22.7959, 3.9737



0.3640, 0.7191, 0.1489

Inverse Universe

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



37.1976, 34.9391, 45.8595



64.9867, 59.3758, 81.3898



36.0318, 34.4728, 39.7203



8.8350, 8.6407, 10.6298



18.3937, 8.8751, 28.2971



0.5832, 0.2810, 0.9141

Previews

White Background



This preview shows how the XYZ color 34.4208, 40.4196, 36.1246 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 34.4208, 40.4196, 36.1246 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 34.4208, 40.4196, 36.1246

Background



This preview shows how black text looks on a background with the XYZ color 34.4208, 40.4196, 36.1246.



This preview shows how white text looks on a background with the XYZ color 34.4208, 40.4196,

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

34.4208, 40.4196, 36.1246

Protanopia

38.1596, 40.3844, 34.2175

Deuteranopia

41.0144, 40.1577, 37.0420



Tritanopia

37.5201, 40.2183, 52.2398

Trichromacy



Original Color

34.4208, 40.4196, 36.1246

Protanomaly

36.8108, 40.5242, 34.7360

Deuteranomaly

38.2358, 40.0896, 36.7332

Tritanomaly

36.2936, 40.2967, 45.9096

Monochromacy



Original Color

34.4208, 40.4196, 36.1246

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.9848, 39.4158, 39.8938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4208, 40.4196, 36.1246 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(152, 177, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 153)  
}
```

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(152, 177, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.4208, 40.4196, 36.1246 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(152, 177, 153) }
```


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

```
.border{ border-color:rgb(152, 177, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 177, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4208, 40.4196, 36.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 153) }
```

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

```
.background{ background-color: rgb(152,  
177, 153) }
```

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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