

Converting Colors

XYZ(34.5832, 40.4944, 36.5836)

Have a look what the booklet for
XYZ(34.5832, 40.4944, 36.5836)
contains.

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Color

**XYZ(34.5038, 40.4528,
36.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	98B19A
RGB	152, 177, 154
RGB Percent	60%, 69%, 60%
CMY	0.4039, 0.3059, 0.3961
CMYK	0.14, 0.00, 0.13, 0.31
HSL	125°, 14%, 65%
HSV	125°, 14%, 69%
XYZ	34.5038, 40.4528, 36.5615
YIQ	166.9030, -7.5170, -12.4530

Conversions

Conversions Part 2

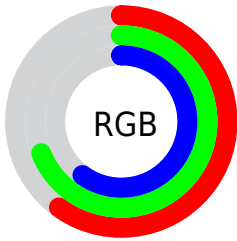
Format	Color
RYB	152, 175, 177
Decimal	10006938
CIELab	69.79, -13.11, 8.90
CIELCh	70, 15.845, 145.813
Yxy	40.4528, 0.3094, 0.3627
Android (android.graphics.Color)	4288197018 (0xFF98B19A)
YUV	166.9030, -6.3612, -13.0699
Hunter-Lab	63.6025, -14.4697, 10.4393

Details

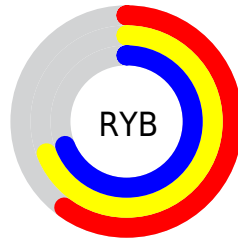
The XYZ color **34.5038, 40.4528, 36.5615** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.0990, 34.8997, 45.3403**, and the grayscale version is **36.7169, 38.6291, 42.0670**.

A 20% lighter version of the original color is **65.9777, 75.9537, 70.8576**, and **15.0227, 18.1613, 15.5457** is the 20% darker color. If you saturate the color by 10%, you get **30.1694, 38.3657, 29.7528**, and if you desaturate by 10%, it is **39.5188, 42.8718, 44.3643**.

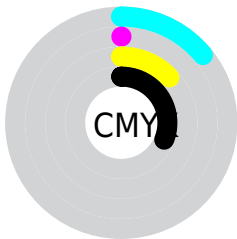
Distribution



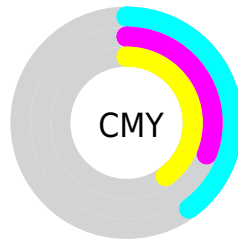
- Red (60%)
- Green (69%)
- Blue (60%)



- Red (60%)
- Yellow (69%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5038, 40.4528, 36.5615 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 34.5038, 40.4528, 36.5615 by changing the saturation by 10% instead.

■ 34.5038, 40.4528,
36.5615

■ 34.5038, 40.4528,
36.5615

313.9192,
348.0284, 346.5195

■ 23.4456, 27.8918,
24.5750

■ 66.0555, 75.8525,
71.0766

■ 15.0454, 18.2441,
15.5446

■ 87.2796, 99.4600,
94.4424

■ 8.9378, 11.1254,
9.0516

112.6232,
127.5184, 122.4383

■ 4.7574, 6.1512,
4.6776

142.4515,
160.4122, 155.4829

■ 2.1389, 2.9373,
2.0040

177.1299,
198.5256, 193.9948

■ 0.7102, 1.0991,
0.5577

217.0238,

■ 0.0000, 0.0000,

242.2432, 238.3925

0.0000

262.4984,
291.9494, 289.0946

■ 34.5038, 40.4528,
36.5615

■ 34.5038, 40.4528,
36.5615

■ 30.1694, 38.3657,
29.7528

■ 39.5188, 42.8718,
44.3643

■ 26.4833, 36.5913,
23.8956

■ 45.2386, 45.6309,
53.1961

■ 23.4150, 35.1159,
18.9486

■ 51.6902, 48.7444,
63.0933

■ 20.9309, 33.9230,
14.8659

■ 58.8981, 52.2243,
74.0897

■ 18.9936, 32.9946,
11.5981

■ 66.8858, 56.0820,
86.2178

■ 17.5617, 32.3105,
9.0903

■ 74.4873, 59.7156,
99.4529

■ 16.5877, 31.8474,
7.2814

■ 75.0129, 59.9259,
102.2210

■ 16.0152, 31.5778,
6.1004

■ 15.8033, 31.4780,
5.6642

Harmonies

Analogous

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



36.3369, 40.4528, 32.4926



34.5038, 40.4528, 36.5615



33.7274, 40.4528, 43.0207

Triad

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



34.5038, 40.4528, 36.5615



38.0894, 40.4528, 59.7258



43.0725, 40.4528, 38.1656

Complementary

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



34.5038, 40.4528, 36.5615



37.0990, 34.8997, 45.3403

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.



43.5923, 40.4528, 45.0879



34.5038, 40.4528, 36.5615



40.6418, 40.4528, 58.0576

Square

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



34.5038, 40.4528, 36.5615



35.7382, 40.4528, 56.8239



42.6844, 40.4528, 52.4885



41.2938, 40.4528, 33.3438

Rectangle

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



34.5038, 40.4528, 36.5615



33.8869, 40.4528, 48.0172



42.6844, 40.4528, 52.4885



43.4035, 40.4528, 40.3005

Sweetspot

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



34.5049, 40.4545, 36.5624



70.8284, 76.8047, 79.5364



39.1455, 42.8659, 35.9170



15.1963, 16.5708, 16.9990



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.



34.5049, 40.4545, 36.5624



59.2079, 71.2028, 61.4303



35.5705, 40.8808, 42.1740



8.4157, 9.5008, 9.1825



11.4591, 22.8096, 4.1543



0.3696, 0.7213, 0.1783

Inverse Universe

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



37.0990, 34.8997, 45.3403



64.7711, 59.2896, 80.2545



35.9569, 34.4429, 39.3262



8.8201, 8.6348, 10.5512



17.9267, 8.6882, 25.8378



0.5726, 0.2768, 0.8582

Previews

White Background



This preview shows how the XYZ color 34.5038, 40.4528, 36.5615 looks on a white background.

Color Contrast Check

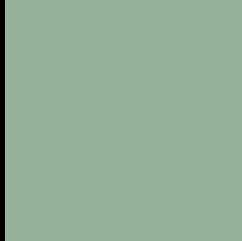
Large Text (above 18pt) WCAG AA × Fail

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 34.5038, 40.4528, 36.5615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

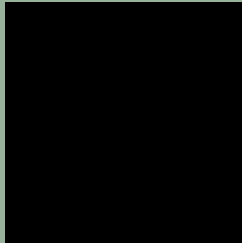
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5038, 40.4528, 36.5615

Background



This preview shows how black text looks on a background with the XYZ color 34.5038, 40.4528, 36.5615.



This preview shows how white text looks on a background with the XYZ color 34.5038, 40.4528,

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

34.5038, 40.4528, 36.5615

Protanopia

38.2398, 40.4164, 34.6399

Deuteranopia

41.0995, 40.1917, 37.4899



Tritanopia

37.5201, 40.2183, 52.2398

Trichromacy



Original Color

34.5038, 40.4528, 36.5615

Protanomaly

36.8917, 40.5565, 35.1619

Deuteranomaly

38.3202, 40.1233, 37.1774

Tritanomaly

36.2936, 40.2967, 45.9096

Monochromacy



Original Color

34.5038, 40.4528, 36.5615

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 34.5038, 40.4528, 36.5615 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 154) }
```

Border

The CSS property to change the border of an element to XYZ 34.5038, 40.4528, 36.5615 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, 154) }
```


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

```
.border{ border-color:rgb(152, 177, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5038, 40.4528, 36.5615 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, 154) }
```

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

```
.background{ background-color: rgb(152,  
177, 154) }
```

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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