

Converting Colors

XYZ(35.8215, 40.4017, 49.9911)

Have a look what the booklet for
XYZ(35.8215, 40.4017, 49.9911)
contains.

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Color

**XYZ(36.0015, 40.6311,
50.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	93B0B6
RGB	147, 176, 182
RGB Percent	58%, 69%, 71%
CMY	0.4235, 0.3098, 0.2863
CMYK	0.19, 0.03, 0.00, 0.29
HSL	190°, 19%, 65%
HSV	190°, 19%, 71%
XYZ	36.0015, 40.6311, 50.2011
YIQ	168.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

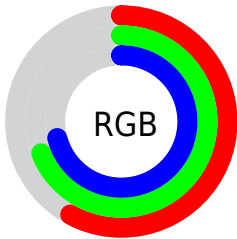
Format	Color
RYB	147, 163, 182
Decimal	9679030
CIELab	69.92, -8.56, -6.37
CIELCh	70, 10.674, 216.668
Yxy	40.6311, 0.2838, 0.3203
Android (android.graphics.Color)	4287869110 (0xFF93B0B6)
YUV	168.0130, 6.8956, -18.4284
Hunter-Lab	63.7425, -10.7334, -2.0747

Details

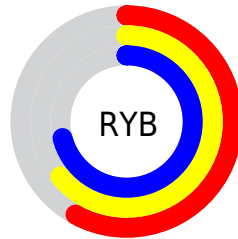
The XYZ color **36.0015, 40.6311, 50.2011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9496, 34.8344, 32.4337**, and the grayscale version is **37.2008, 39.1381, 42.6214**.

A 20% lighter version of the original color is **68.3766, 76.3038, 92.0132**, and **15.8693, 18.2377, 23.4527** is the 20% darker color. If you saturate the color by 10%, you get **32.3883, 37.8720, 49.8596**, and if you desaturate by 10%, it is **40.1475, 43.6878, 50.5732**.

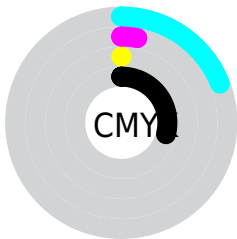
Distribution



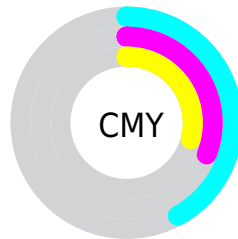
- Red (58%)
- Green (69%)
- Blue (71%)



- Red (58%)
- Yellow (64%)
- Blue (71%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0015, 40.6311, 50.2011 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 36.0015, 40.6311, 50.2011 by changing the saturation by 10% instead.

■ 36.0015, 40.6311,
50.2011

■ 36.0015, 40.6311,
50.2011

320.3982,
348.7764, 404.2094

■ 24.6055, 28.0309,
35.2009

■ 68.3582, 76.1236,
91.8721

■ 15.9105, 18.3490,
23.5329

■ 90.0497, 99.7847,
119.3801

■ 9.5513, 11.2008,
14.7785

115.9036,
127.9016, 151.8943

■ 5.1625, 6.2021,
8.5192

146.2854,
160.8586, 189.8334

■ 2.3786, 2.9683,
4.3364

181.5604,
199.0402, 233.6160

■ 0.8344, 1.1152,
1.8117

222.0939,

■ 0.0000, 0.0000,

242.8308, 283.6605

0.4356

268.2514,
292.6148, 340.3854

■ 0.0000, 0.0000,
0.0000

■ 36.0015, 40.6311,
50.2011

■ 36.0015, 40.6311,
50.2011

■ 32.3883, 37.8720,
49.8596

■ 40.1475, 43.6878,
50.5732

■ 29.2800, 35.3929,
49.5449

■ 44.8454, 47.0490,
50.9744

■ 26.6516, 33.1817,
49.2567

■ 50.1178, 50.7275,
51.4066

■ 24.4743, 31.2236,
48.9935

■ 55.9849, 54.7339,
51.8706

■ 22.7164, 29.5019,
48.7538

■ 62.4660, 59.0781,
52.3676

■ 21.3418, 27.9980,
48.5360

■ 69.1354, 63.5410,
52.8775

■ 20.3079, 26.6897,
48.3379

■ 69.8402, 64.9507,
53.1124

■ 19.5362, 25.5365,
48.1560

■ 70.5598, 66.3897,
53.3523

■ 19.4800, 25.4502,
48.1423

■ 71.2941, 67.8583,
53.5970

Harmonies

Analogous

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



35.3958, 40.6311, 45.3603



36.0015, 40.6311, 50.2011



37.3111, 40.6311, 53.6161

Triad

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



36.0015, 40.6311, 50.2011



41.7669, 40.6311, 48.1373



38.2321, 40.6311, 35.4048

Complementary

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



36.0015, 40.6311, 50.2011



35.9496, 34.8344, 32.4337

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.



39.9564, 40.6311, 36.0267



36.0015, 40.6311, 50.2011



42.0314, 40.6311, 43.1390

Square

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



36.0015, 40.6311, 50.2011



40.6474, 40.6311, 52.3636



41.3596, 40.6311, 38.7712



36.6585, 40.6311, 37.0039

Rectangle

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



36.0015, 40.6311, 50.2011



38.4249, 40.6311, 54.4915



41.3596, 40.6311, 38.7712



38.8130, 40.6311, 35.3630

Sweetspot

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



36.0027, 40.6328, 50.2020



75.3409, 81.0503, 91.9091



34.4974, 41.9541, 36.3455



16.5218, 17.8161, 20.2897



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.0027, 40.6328, 50.2020



62.4319, 71.5205, 90.7500



32.8179, 34.2632, 49.1404



9.1322, 9.9416, 11.5170



13.7990, 18.0576, 34.0113



0.5214, 0.7066, 1.2106

Inverse Universe

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



37.5626, 33.9481, 45.6490



65.8036, 57.3253, 80.8520



38.9959, 40.9271, 33.4491



9.3131, 9.1356, 10.9961



17.5788, 8.6053, 21.4663



0.6374, 0.3104, 0.8498

Previews

White Background



This preview shows how the XYZ color 36.0015, 40.6311, 50.2011 looks on a white background.

Color Contrast Check

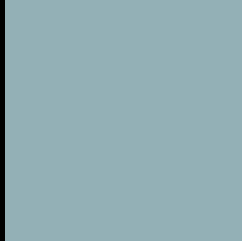
Large Text (above 18pt) WCAG AA × Fail

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 36.0015, 40.6311, 50.2011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

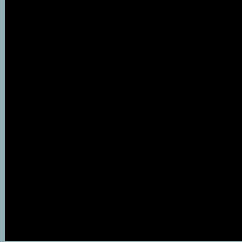
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0015, 40.6311, 50.2011

Background



This preview shows how black text looks on a background with the XYZ color 36.0015, 40.6311, 50.2011.



This preview shows how white text looks on a background with the XYZ color 36.0015, 40.6311,

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

36.0015, 40.6311, 50.2011

Protanopia

39.2052, 40.6217, 47.8939

Deuteranopia

41.3440, 40.5569, 50.9966



Tritanopia

36.7280, 40.6300, 54.0507

Trichromacy



Original Color

36.0015, 40.6311, 50.2011

Protanomaly

37.7895, 40.4411, 48.4620

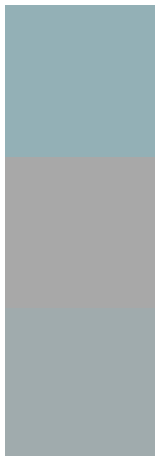
Deuteranomaly

39.2842, 40.6034, 50.5665

Tritanomaly

36.4056, 40.5010, 52.3531

Monochromacy



Original Color

36.0015, 40.6311, 50.2011

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6029, 39.6165, 45.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0015, 40.6311, 50.2011 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(147, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(147, 176, 182)  
}
```

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(147, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 176, 182) }
```

Border

The CSS property to change the border of an element to XYZ 36.0015, 40.6311, 50.2011 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(147, 176, 182) }
```


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

```
.border{ border-color:rgb(147, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(147, 176,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0015, 40.6311, 50.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 176, 182) }
```

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

```
.background{ background-color: rgb(147,  
176, 182) }
```

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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