

Converting Colors

XYZ(35.6359, 40.7494, 40.8694)

Have a look what the booklet for
XYZ(35.6359, 40.7494, 40.8694)
contains.

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Color

**XYZ(35.4626, 40.5650,
40.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB0A3
RGB	154, 176, 163
RGB Percent	60%, 69%, 64%
CMY	0.3961, 0.3098, 0.3608
CMYK	0.13, 0.00, 0.07, 0.31
HSL	145°, 12%, 65%
HSV	145°, 13%, 69%
XYZ	35.4626, 40.5650, 40.6111
YIQ	167.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

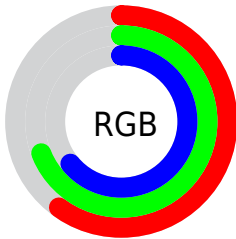
Format	Color
RYB	154, 170, 176
Decimal	10137763
CIELab	69.87, -10.18, 4.09
CIELCh	70, 10.965, 158.120
Yxy	40.5650, 0.3040, 0.3478
Android (android.graphics.Color)	4288327843 (0xFF9AB0A3)
YUV	167.9400, -2.4354, -12.2254
Hunter-Lab	63.6907, -12.0709, 6.7784

Details

The XYZ color **35.4626, 40.5650, 40.6111** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4366, 35.1323, 41.4218**, and the grayscale version is **37.2056, 39.1432, 42.6269**.

A 20% lighter version of the original color is **67.5239, 76.1851, 77.4760**, and **15.5457, 18.1972, 17.7320** is the 20% darker color. If you saturate the color by 10%, you get **31.4615, 38.6068, 35.7579**, and if you desaturate by 10%, it is **40.0339, 42.8106, 45.8928**.

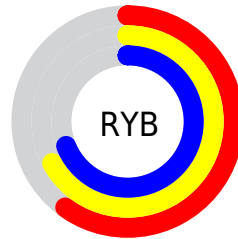
Distribution



Red (60%)

Green (69%)

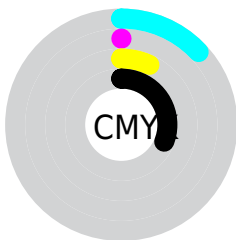
Blue (64%)



Red (60%)

Yellow (67%)

Blue (69%)

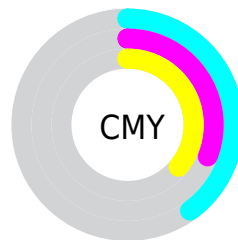


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (31%)



Cyan (40%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4626, 40.5650, 40.6111 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 35.4626, 40.5650, 40.6111 by changing the saturation by 10% instead.

 35.4626, 40.5650,
40.6111


 35.4626, 40.5650,
40.6111


318.0779,
348.4992, 364.3210

 24.1876, 27.9793,
27.6979


 67.5311, 76.0231,
77.3404

 15.5983, 18.3101,
17.8610


 89.0553, 99.6643,
101.9936

 9.3294, 11.1728,
10.6818


114.7267,
127.7596, 131.3973

 5.0155, 6.1832,
5.7419

144.9105,
160.6932, 165.9699

 2.2912, 2.9568,
2.6225

179.9722,
198.8495, 206.1301

 0.7902, 1.1092,
0.9040

220.2771,

 0.0000, 0.0000,

242.6131, 252.2963

0.0000

266.1906,
292.3682, 304.8871

■ 35.4626, 40.5650,
40.6111

■ 35.4626, 40.5650,
40.6111

■ 31.4615, 38.6068,
35.7579

■ 40.0339, 42.8106,
45.8928

■ 28.0040, 36.9190,
31.3199

■ 45.1936, 45.3493,
51.6107

■ 25.0664, 35.4909,
27.2868

■ 50.9636, 48.1934,
57.7755

■ 22.6221, 34.3088,
23.6472

■ 57.3634, 51.3526,
64.3968

■ 20.6419, 33.3580,
20.3887

■ 64.4117, 54.8366,
71.4838

■ 19.0931, 32.6220,
17.4986

■ 70.4123, 57.7707,
78.9655

■ 17.9389, 32.0819,
14.9633

■ 71.8785, 58.3572,
86.6865

■ 17.1354, 31.7154,
12.7680

■ 73.4328, 58.9789,
94.8709

■ 16.6956, 31.5200,
11.3339

■ 74.8161, 59.5322,
102.1554

Harmonies

Analogous

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



36.4790, 40.5650, 36.8888



35.4626, 40.5650, 40.6111



35.2620, 40.5650, 45.5690

Triad

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



35.4626, 40.5650, 40.6111



39.0418, 40.5650, 54.6135



41.3150, 40.5650, 38.3831

Complementary

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



35.4626, 40.5650, 40.6111



36.4366, 35.1323, 41.4218

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.



42.0486, 40.5650, 42.7968



35.4626, 40.5650, 40.6111



40.7100, 40.5650, 52.3477

Square

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



35.4626, 40.5650, 40.6111



37.2928, 40.5650, 53.9154



41.8239, 40.5650, 47.9276



39.8470, 40.5650, 35.6731

Rectangle

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



35.4626, 40.5650, 40.6111



35.6119, 40.5650, 48.9571



41.8239, 40.5650, 47.9276



41.6577, 40.5650, 39.7026

Sweetspot

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



35.4637, 40.5667, 40.6120



71.2347, 76.9672, 81.6761



37.3382, 41.6229, 36.6385



15.2996, 16.6122, 17.5430



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.



35.4637, 40.5667, 40.6120



62.2109, 72.5390, 71.1458



36.4736, 40.9707, 45.9298



8.5283, 9.5458, 9.7756



12.2769, 23.1367, 8.4607



0.4156, 0.7397, 0.4205

Inverse Universe

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



36.4366, 35.1323, 41.4218



64.3244, 60.7321, 72.9045



35.4790, 34.7493, 36.3794



8.7000, 8.5867, 9.9185



15.0001, 7.5176, 10.4263



0.5001, 0.2478, 0.4760

Previews

White Background



This preview shows how the XYZ color 35.4626, 40.5650, 40.6111 looks on a white background.

Color Contrast Check

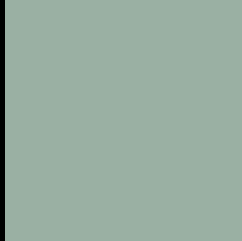
Large Text (above 18pt) WCAG AA × Fail

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 35.4626, 40.5650, 40.6111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

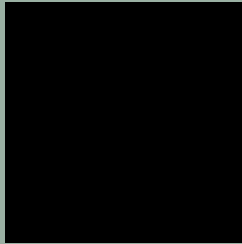
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4626, 40.5650, 40.6111

Background



This preview shows how black text looks on a background with the XYZ color 35.4626, 40.5650, 40.6111.



This preview shows how white text looks on a background with the XYZ color 35.4626, 40.5650,

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

35.4626, 40.5650, 40.6111

Protanopia

38.6244, 40.5176, 39.0427

Deuteranopia

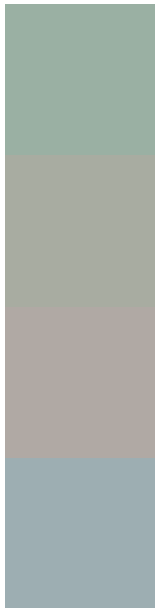
41.2329, 40.4457, 41.2309



Tritanopia

37.9070, 40.7014, 52.3126

Trichromacy



Original Color

35.4626, 40.5650, 40.6111

Protanomaly

37.3340, 40.4031, 39.5491

Deuteranomaly

38.7933, 40.2864, 40.8534

Tritanomaly

37.0766, 40.6546, 48.0124

Monochromacy



Original Color

35.4626, 40.5650, 40.6111

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5501, 39.6655, 41.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4626, 40.5650, 40.6111 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(154, 176, 163)` looks like.

```
.text, #text, p{  
    color:rgb(154, 176, 163)  
}
```

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(154, 176, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 176, 163) }
```

Border

The CSS property to change the border of an element to XYZ 35.4626, 40.5650, 40.6111 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(154, 176, 163) }
```


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

```
.border{ border-color:rgb(154, 176, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 176, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(154, 176,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4626, 40.5650, 40.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 176, 163) }
```

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

```
.background{ background-color: rgb(154,  
176, 163) }
```

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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