

Converting Colors

XYZ(34.6133, 40.2281, 35.3538)

Have a look what the booklet for
XYZ(34.6133, 40.2281, 35.3538)
contains.

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Color

**XYZ(34.6288, 40.2536,
35.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB097
RGB	155, 176, 151
RGB Percent	61%, 69%, 59%
CMY	0.3922, 0.3098, 0.4078
CMYK	0.12, 0.00, 0.14, 0.31
HSL	110°, 14%, 64%
HSV	110°, 14%, 69%
XYZ	34.6288, 40.2536, 35.2227
YIQ	166.8710, -4.4910, -12.2270

Conversions

Conversions Part 2

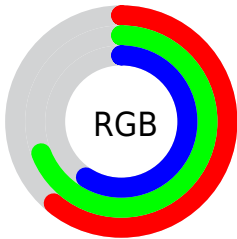
Format	Color
RYB	151, 176, 172
Decimal	10203287
CIELab	69.65, -12.07, 10.38
CIElCh	70, 15.918, 139.308
Yxy	40.2536, 0.3145, 0.3656
Android (android.graphics.Color)	4288393367 (0xFF9BB097)
YUV	166.8710, -7.8244, -10.4109
Hunter-Lab	63.4457, -13.6044, 11.4964

Details

The XYZ color **34.6288, 40.2536, 35.2227** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9179, 34.0396, 45.7536**, and the grayscale version is **36.7071, 38.6188, 42.0558**.

A 20% lighter version of the original color is **66.4544, 75.8226, 68.8903**, and **15.0921, 18.0291, 14.7411** is the 20% darker color. If you saturate the color by 10%, you get **30.6392, 38.3511, 28.1234**, and if you desaturate by 10%, it is **39.1815, 42.4241, 43.4640**.

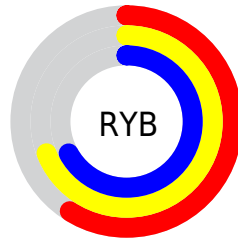
Distribution



Red (61%)

Green (69%)

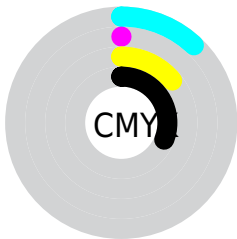
Blue (59%)



Red (59%)

Yellow (69%)

Blue (67%)

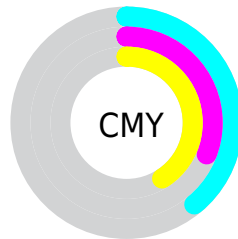


Cyan (12%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (39%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6288, 40.2536, 35.2227 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 34.6288, 40.2536, 35.2227 by changing the saturation by 10% instead.


 34.6288, 40.2536,
35.2227


 34.6288, 40.2536,
35.2227


314.4636,
347.1913, 340.4843

 23.5422, 27.7363,
23.5495


 66.2481, 75.5495,
68.9861

 15.1173, 18.1270,
14.7907


 87.5116, 99.0970,
91.9134

 8.9886, 11.0412,
8.5276

112.8982,
127.0899, 119.4292

 4.7908, 6.0946,
4.3418

142.7731,
159.9128, 151.9521

 2.1585, 2.9027,
1.8147

177.5017,
197.9500, 189.9004

 0.7207, 1.0811,
0.4376

217.4494,

 0.0000, 0.0000,

241.5859, 233.6929

0.0000

262.9816,
291.2048, 283.7480

■ 34.6288, 40.2536,
35.2227

■ 34.6288, 40.2536,
35.2227

■ 30.6392, 38.3511,
28.1234

■ 39.1815, 42.4241,
43.4640

■ 27.1874, 36.7011,
22.1133

■ 44.3148, 44.8670,
52.8917

■ 24.2513, 35.2945,
17.1392

■ 50.0492, 47.5933,
63.5512

■ 21.8056, 34.1196,
13.1426

■ 56.4037, 50.6116,
75.4846

■ 19.8232, 33.1638,
10.0590

■ 63.3960, 53.9303,
88.7322

■ 18.2739, 32.4132,
7.8163

■ 70.7840, 57.4536,
101.9667

■ 17.1242, 31.8522,
6.3316

■ 74.8161, 59.5323,
102.1554

■ 16.3350, 31.4628,
5.5048

■ 16.0093, 31.3013,
5.1980

Harmonies

Analogous

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



36.6467, 40.2536, 31.7678



34.6288, 40.2536, 35.2227



33.6000, 40.2536, 41.2520

Triad

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



34.6288, 40.2536, 35.2227



37.3490, 40.2536, 59.2838



43.1230, 40.2536, 39.3080

Complementary

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



34.6288, 40.2536, 35.2227



35.9179, 34.0396, 45.7536

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.



43.3318, 40.2536, 46.5118



34.6288, 40.2536, 35.2227



39.9196, 40.2536, 58.6123

Square

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



34.6288, 40.2536, 35.2227



35.1231, 40.2536, 55.4781



42.1362, 40.2536, 53.7348



41.5780, 40.2536, 33.9372

Rectangle

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



34.6288, 40.2536, 35.2227



33.5810, 40.2536, 46.1619



42.1362, 40.2536, 53.7348



43.3543, 40.2536, 41.5767

Sweetspot

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



34.6299, 40.2553, 35.2236



71.1780, 76.9962, 79.0428



38.2129, 40.9080, 35.1607



15.2850, 16.6194, 16.8738



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.



34.6299, 40.2553, 35.2236



60.4595, 71.8880, 59.6828



34.5761, 40.1466, 38.8805



8.5114, 9.5532, 9.0479



11.7793, 22.9825, 3.8152



0.4095, 0.7432, 0.1219

Inverse Universe

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



35.9179, 34.0396, 45.7536



63.2428, 58.4516, 82.4443



36.0094, 34.1791, 41.5840



8.7139, 8.5766, 10.7025



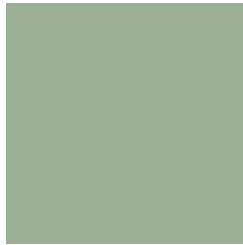
14.7311, 6.9300, 30.6982



0.4992, 0.2364, 0.9676

Previews

White Background



This preview shows how the XYZ color 34.6288, 40.2536, 35.2227 looks on a white background.

Color Contrast Check

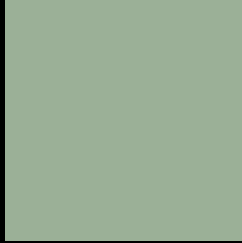
Large Text (above 18pt) WCAG AA × Fail

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 34.6288, 40.2536, 35.2227 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

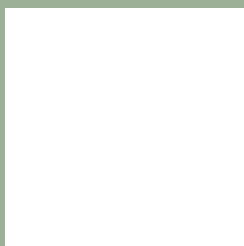
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6288, 40.2536, 35.2227

Background



This preview shows how black text looks on a background with the XYZ color 34.6288, 40.2536, 35.2227.



This preview shows how white text looks on a background with the XYZ color 34.6288, 40.2536,

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

34.6288, 40.2536, 35.2227

Protanopia

37.8934, 39.9790, 33.7365

Deuteranopia

40.7635, 40.0573, 35.7204



Tritanopia

37.8171, 40.1022, 51.6463

Trichromacy



Original Color

34.6288, 40.2536, 35.2227

Protanomaly

36.7549, 40.2210, 34.2600

Deuteranomaly

38.2605, 39.8560, 35.3822

Tritanomaly

36.5869, 40.1734, 45.3611

Monochromacy



Original Color

34.6288, 40.2536, 35.2227

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.9120, 39.1092, 39.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6288, 40.2536, 35.2227 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(155, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 151)  
}
```

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(155, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.6288, 40.2536, 35.2227 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(155, 176, 151) }
```


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

```
.border{ border-color:rgb(155, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6288, 40.2536, 35.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 151) }
```

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

```
.background{ background-color: rgb(155,  
176, 151) }
```

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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