

Converting Colors

XYZ(35.4345, 40.4943, 29.9933)

Have a look what the booklet for
XYZ(35.4345, 40.4943, 29.9933)
contains.

XYZ(35.4345, 40.4943, 29.9933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.4345, 40.4943,
29.9933)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AF8A
RGB	165, 175, 138
RGB Percent	65%, 69%, 54%
CMY	0.3529, 0.3137, 0.4588
CMYK	0.06, 0.00, 0.21, 0.31
HSL	76°, 19%, 61%
HSV	76°, 21%, 69%
XYZ	35.4345, 40.4943, 29.9933
YIQ	167.7920, 5.9170, -13.6270

Conversions

Conversions Part 2

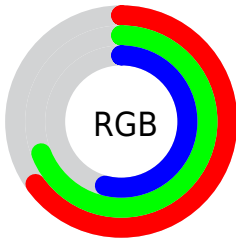
Format	Color
R_{YB}	138, 175, 148
Decimal	10858378
CIE _{Lab}	69.82, -10.06, 17.83
CIE _{LCh}	70, 20.473, 119.416
Yxy	40.4943, 0.3345, 0.3823
Android (android.graphics.Color)	4289048458 (0xFFA5AF8A)
YUV	167.7920, -14.6875, -2.4486
Hunter-Lab	63.6351, -11.9658, 16.5993

Details

The XYZ color **35.4345, 40.4943, 29.9933** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.0407, 27.5691, 44.3505**, and the grayscale version is **37.1861, 39.1226, 42.6046**.

A 20% lighter version of the original color is **67.6055, 76.1732, 61.0089**, and **15.6545, 18.3812, 11.9554** is the 20% darker color. If you saturate the color by 10%, you get **33.3026, 39.5313, 23.8042**, and if you desaturate by 10%, it is **37.8091, 41.5613, 37.2612**.

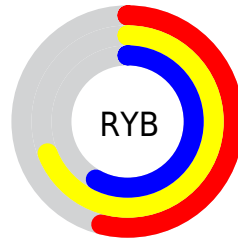
Distribution



Red (65%)

Green (69%)

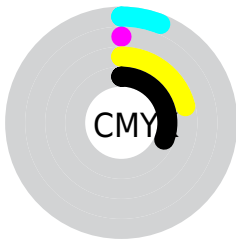
Blue (54%)



Red (54%)

Yellow (69%)

Blue (58%)

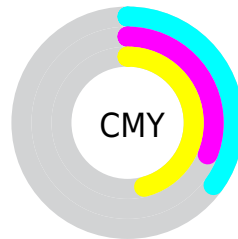


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4345, 40.4943, 29.9933 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 35.4345, 40.4943, 29.9933 by changing the saturation by 10% instead.


 35.4345, 40.4943,
29.9933


 35.4345, 40.4943,
29.9933


317.9566,
348.2026, 316.0796


 24.1658, 27.9242,
19.5815


 67.4879, 75.9156,
60.7125

 15.5821, 18.2685,
11.9101

 89.0034, 99.5356,
81.8569

 9.3179, 11.1429,
6.5607

 114.6652,
127.6076, 107.4160

 5.0079, 6.1630,
3.1147

144.8387,
160.5161, 137.8082

 2.2867, 2.9445,
1.1535

179.8892,
198.6455, 173.4521

 0.7878, 1.1028,
0.0000

220.1822,

 0.0000, 0.0000,

242.3801, 214.7663

0.0000

266.0828,
292.1043, 262.1693

■ 35.4345, 40.4943,
29.9933

■ 35.4345, 40.4943,
29.9933

■ 33.3026, 39.5313,
23.8042

■ 37.8091, 41.5613,
37.2612

■ 31.4001, 38.6629,
18.6398

■ 40.4328, 42.7308,
45.6532

■ 29.7172, 37.8864,
14.4454

■ 43.3155, 44.0083,
55.2153

■ 28.2417, 37.1969,
11.1600

■ 46.4657, 45.3970,
65.9901

■ 26.9606, 36.5892,
8.7159

■ 49.8915, 46.9004,
78.0180

■ 25.8586, 36.0572,
7.0356

■ 53.6005, 48.5215,
91.3378

■ 24.9179, 35.5936,
6.0277

■ 56.7010, 49.9036,
101.2516

■ 24.1867, 35.2270,
5.5247

■ 57.9687, 50.5572,
101.3110

■ 59.2758, 51.2310,
101.3721

Harmonies

Analogous

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



38.5538, 40.4943, 28.2057



35.4345, 40.4943, 29.9933



33.2451, 40.4943, 35.4195

Triad

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



35.4345, 40.4943, 29.9933



35.3278, 40.4943, 61.7985



45.2389, 40.4943, 44.2782

Complementary

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



35.4345, 40.4943, 29.9933



29.0407, 27.5691, 44.3505

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.



44.2564, 40.4943, 54.0744



35.4345, 40.4943, 29.9933



38.4235, 40.4943, 65.0412

Square

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



35.4345, 40.4943, 29.9933



33.1861, 40.4943, 53.7050



41.7134, 40.4943, 62.0324



44.3279, 40.4943, 35.6995

Rectangle

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



35.4345, 40.4943, 29.9933



32.5424, 40.4943, 40.8145



41.7134, 40.4943, 62.0324



45.1183, 40.4943, 47.5392

Sweetspot

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



35.4356, 40.4961, 29.9942



70.0222, 75.4625, 74.0478



32.8371, 32.0882, 28.5082



15.4972, 16.7429, 16.2470



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.



35.4356, 40.4961, 29.9942



61.7706, 71.7605, 48.7312



31.8857, 38.6661, 29.8280



8.4483, 9.2197, 8.5477



17.3809, 25.2572, 3.9591



0.5320, 0.7276, 0.1124

Inverse Universe

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



29.0407, 27.5691, 44.3505



48.4137, 44.7555, 78.7239



32.6306, 29.4198, 44.5185



7.7745, 7.8581, 10.0597



6.4428, 2.6813, 29.2225



0.2318, 0.1017, 0.8154

Previews

White Background



This preview shows how the XYZ color 35.4345, 40.4943, 29.9933 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 35.4345, 40.4943, 29.9933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

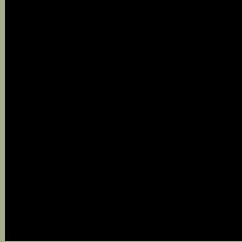
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

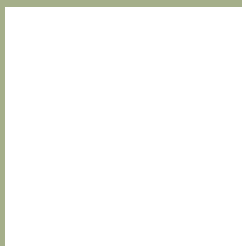
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4345, 40.4943, 29.9933

Background



This preview shows how black text looks on a background with the XYZ color 35.4345, 40.4943, 29.9933.



This preview shows how white text looks on a background with the XYZ color 35.4345, 40.4943,

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

35.4345, 40.4943, 29.9933

Protanopia

37.8747, 40.3508, 29.0848

Deuteranopia

41.0350, 40.3147, 30.4297



Tritanopia

39.4261, 40.4113, 49.9781

Trichromacy



Original Color

35.4345, 40.4943, 29.9933

Protanomaly

36.9471, 40.4252, 29.5224

Deuteranomaly

38.6704, 40.1836, 30.1442

Tritanomaly

37.8080, 40.3140, 41.8651

Monochromacy



Original Color

35.4345, 40.4943, 29.9933

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.5851, 39.7756, 37.6475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4345, 40.4943, 29.9933 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(165, 175, 138)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 138)  
}
```

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(165, 175, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.4345, 40.4943, 29.9933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

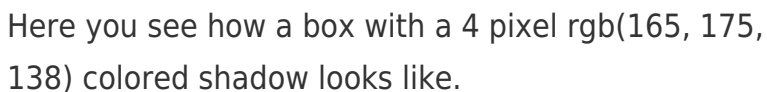
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 175, 138) }
```


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

```
.border{ border-color:rgb(165, 175, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 175, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 175, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 175, 138); box-shadow:4px 4px 4px 4px rgb(165, 175, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4345, 40.4943, 29.9933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 138) }
```

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

```
.background{ background-color: rgb(165,  
175, 138) }
```

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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