

Converting Colors

XYZ(34.4830, 35.3524, 28.1061)

Have a look what the booklet for
XYZ(34.4830, 35.3524, 28.1061)
contains.

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Color

**XYZ(34.5045, 35.4331,
27.9424)**

Conversions

Conversions Part 1

Format	Color
Hex	B09E87
RGB	176, 158, 135
RGB Percent	69%, 62%, 53%
CMY	0.3098, 0.3804, 0.4706
CMYK	0.00, 0.10, 0.23, 0.31
HSL	34°, 21%, 61%
HSV	34°, 23%, 69%
XYZ	34.5045, 35.4331, 27.9424
YIQ	160.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

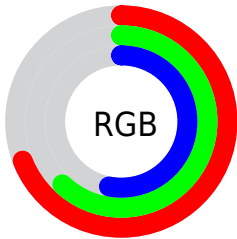
Format	Color
RYB	167, 176, 135
Decimal	11574919
CIELab	66.08, 2.87, 14.43
CIELCh	66, 14.712, 78.748
Yxy	35.4331, 0.3525, 0.3620
Android (android.graphics.Color)	4289764999 (0xFFB09E87)
YUV	160.7600, -12.6997, 13.3655
Hunter-Lab	59.5257, -0.7012, 13.8362

Details

The XYZ color **34.5045, 35.4331, 27.9424** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2191, 31.0671, 45.5309**, and the grayscale version is **33.8168, 35.5779, 38.7444**.

A 20% lighter version of the original color is **66.1501, 68.3751, 57.2882**, and **15.0658, 15.3822, 10.7693** is the 20% darker color. If you saturate the color by 10%, you get **32.0901, 32.4259, 21.5211**, and if you desaturate by 10%, it is **37.2086, 38.6912, 35.4717**.

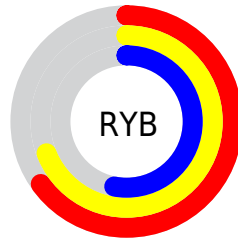
Distribution



Red (69%)

Green (62%)

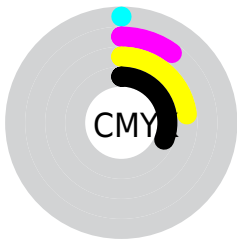
Blue (53%)



Red (65%)

Yellow (69%)

Blue (53%)

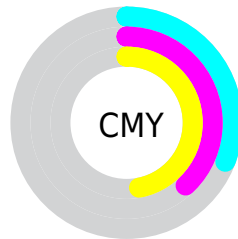


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5045, 35.4331, 27.9424 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 34.5045, 35.4331, 27.9424 by changing the saturation by 10% instead.


 34.5045, 35.4331,
27.9424


 34.5045, 35.4331,
27.9424


313.9223,
326.4759, 306.0949


 23.4462, 23.9967,
18.0436


 66.0565, 68.1562,
57.4145

 15.0458, 15.3312,
10.8115


 87.2809, 90.2116,
77.8248

 8.9381, 9.0521,
5.8277


 112.6248,
116.5755, 102.5760

 4.7576, 4.7752,
2.6735

142.4533,
147.6323, 132.0867

 2.1390, 2.1160,
0.9300

177.1320,
183.7663, 166.7754

 0.7103, 0.6736,
0.0000

217.0261,

 0.0000, 0.0000,

225.3620, 207.0606

0.0000

262.5011,
272.8037, 253.3609

■ 34.5045, 35.4331,
27.9424

■ 34.5045, 35.4331,
27.9424

■ 32.0901, 32.4259,
21.5211

■ 37.2086, 38.6912,
35.4717

■ 29.9508, 29.6577,
16.1522

■ 40.2103, 42.2019,
44.1567

■ 28.0753, 27.1226,
11.7783

■ 43.5208, 45.9734,
54.0448

■ 26.4499, 24.8127,
8.3360

■ 47.1497, 50.0118,
65.1802

■ 25.0596, 22.7193,
5.7539

■ 51.1065, 54.3228,
77.6048

■ 23.8873, 20.8328,
3.9507

■ 55.3997, 58.9122,
91.3587

■ 22.9128, 19.1424,
2.8287

■ 59.5182, 63.5775,
103.7425

■ 22.3426, 18.1062,
2.3173

■ 61.4968, 67.5348,
104.4020

■ 63.5691, 71.6793,
105.0928

Harmonies

Analogous

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



36.5248, 35.4331, 30.2235



34.5045, 35.4331, 27.9424



32.3458, 35.4331, 28.2720

Triad

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



34.5045, 35.4331, 27.9424



29.8545, 35.4331, 42.5784



36.9364, 35.4331, 47.0702

Complementary

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



34.5045, 35.4331, 27.9424



29.2191, 31.0671, 45.5309

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.



35.0465, 35.4331, 51.1323



34.5045, 35.4331, 27.9424



30.9833, 35.4331, 48.3517

Square

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



34.5045, 35.4331, 27.9424



29.7235, 35.4331, 36.2803



32.8650, 35.4331, 51.6251



37.9688, 35.4331, 40.9762

Rectangle

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



34.5045, 35.4331, 27.9424



31.1165, 35.4331, 29.9372



32.8650, 35.4331, 51.6251



36.3766, 35.4331, 48.7455

Sweetspot

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



34.5054, 35.4347, 27.9431



70.7790, 74.0478, 73.8029



32.3558, 28.8733, 34.2004



15.2706, 15.9676, 15.7959



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.



34.5054, 35.4347, 27.9431



60.2416, 61.3764, 44.3837



37.3431, 41.7930, 29.0209



8.8786, 9.2697, 8.9738



16.4522, 13.4029, 1.7199



0.5745, 0.5355, 0.0731

Inverse Universe

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



29.2191, 31.0671, 45.5309



48.9485, 52.0475, 81.9616



26.8256, 25.7856, 44.6376



8.3386, 8.8235, 10.7699



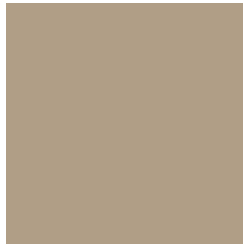
7.7662, 6.3328, 30.9500



0.3028, 0.3162, 0.9933

Previews

White Background



This preview shows how the XYZ color 34.5045, 35.4331, 27.9424 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 34.5045, 35.4331, 27.9424 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

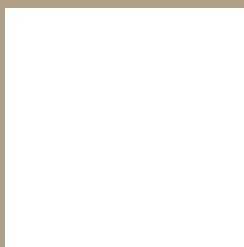
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5045, 35.4331, 27.9424

Background



This preview shows how black text looks on a background with the XYZ color 34.5045, 35.4331, 27.9424.



This preview shows how white text looks on a background with the XYZ color 34.5045, 35.4331,

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

34.5045, 35.4331, 27.9424

Protanopia

33.3769, 35.3542, 28.3574

Deuteranopia

36.1729, 35.5346, 28.2449



Tritanopia

37.2609, 35.5677, 40.9778

Trichromacy



Original Color

34.5045, 35.4331, 27.9424

Protanomaly

33.8553, 35.3445, 28.3304

Deuteranomaly

35.6238, 35.4996, 28.2671

Tritanomaly

36.2281, 35.3930, 35.9324

Monochromacy



Original Color

34.5045, 35.4331, 27.9424

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9642, 35.5156, 34.7709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5045, 35.4331, 27.9424 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(176, 158, 135)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 135)  
}
```

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(176, 158, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.5045, 35.4331, 27.9424 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(176, 158, 135) }
```


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

```
.border{ border-color:rgb(176, 158, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 158, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 158, 135);  
box-shadow:4px 4px 4px 4px rgb(176, 158,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5045, 35.4331, 27.9424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 135) }
```

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

```
.background{ background-color: rgb(176,  
158, 135) }
```

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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