

Converting Colors

XYZ(34.5092, 35.3238, 33.4789)

Have a look what the booklet for
XYZ(34.5092, 35.3238, 33.4789)
contains.

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Color

**XYZ(34.4463, 35.2816,
33.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9E95
RGB	171, 158, 149
RGB Percent	67%, 62%, 58%
CMY	0.3294, 0.3804, 0.4157
CMYK	0.00, 0.08, 0.13, 0.33
HSL	25°, 12%, 63%
HSV	25°, 13%, 67%
XYZ	34.4463, 35.2816, 33.4283
YIQ	160.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

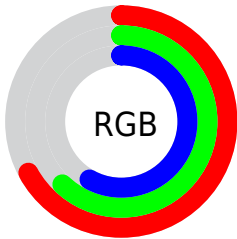
Format	Color
R_{YB}	171, 164, 149
Decimal	11247253
CIE _{Lab}	65.97, 3.17, 6.40
CIE _{LCh}	66, 7.145, 63.620
Yxy	35.2816, 0.3339, 0.3420
Android (android.graphics.Color)	4289437333 (0xFFAB9E95)
YUV	160.8610, -5.8475, 8.8919
Hunter-Lab	59.3983, -0.4312, 8.2115

Details

The XYZ color **34.4463, 35.2816, 33.4283** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6654, 35.1699, 43.5953**, and the grayscale version is **33.8354, 35.5975, 38.7656**.

A 20% lighter version of the original color is **65.9378, 68.0690, 66.1633**, and **15.0700, 15.3192, 13.7179** is the 20% darker color. If you saturate the color by 10%, you get **31.5274, 31.4704, 26.2071**, and if you desaturate by 10%, it is **37.7093, 39.4595, 41.7541**.

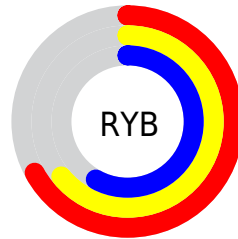
Distribution



Red (67%)

Green (62%)

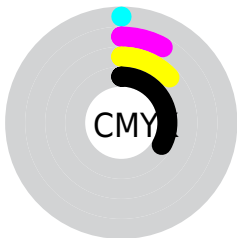
Blue (58%)



Red (67%)

Yellow (64%)

Blue (58%)

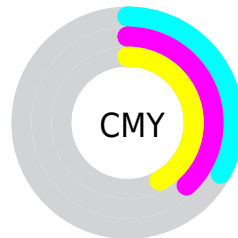


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4463, 35.2816, 33.4283 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 34.4463, 35.2816, 33.4283 by changing the saturation by 10% instead.


 34.4463, 35.2816,
33.4283


 34.4463, 35.2816,
33.4283


313.6685,
325.8096, 332.2663

 23.4012, 23.8799,
22.1810


 65.9668, 67.9218,
66.1673

 15.0123, 15.2445,
13.7903


 87.1729, 89.9290,
88.4961

 8.9144, 8.9912,
7.8379


112.4967,
116.2402, 115.3558

 4.7421, 4.7354,
3.9051

142.3035,
147.2398, 147.1648

 2.1299, 2.0929,
1.5734

176.9588,
183.3121, 184.3419

 0.7054, 0.6606,
0.2718

216.8278,

 0.0000, 0.0000,

224.8416, 227.3055

0.0000

262.2759,
272.2126, 276.4741

■ 34.4463, 35.2816,
33.4283

■ 34.4463, 35.2816,
33.4283

■ 31.5274, 31.4704,
26.2071

■ 37.7093, 39.4595,
41.7541

■ 28.9377, 28.0109,
20.0412

■ 41.3249, 44.0091,
51.2263

■ 26.6651, 24.8939,
14.8810

■ 45.3050, 48.9415,
61.8873

■ 24.6960, 22.1080,
10.6720

■ 49.6600, 54.2658,
73.7768

■ 23.0154, 19.6412,
7.3544

■ 54.3998, 59.9906,
86.9325

■ 21.6068, 17.4804,
4.8616

■ 59.5341, 66.1244,
101.3904

■ 20.4520, 15.6116,
3.1174

■ 62.7864, 71.7612,
105.1499

■ 19.5294, 14.0191,
2.0309

■ 65.6589, 77.5063,
106.1074

■ 18.9837, 13.0358,
1.5156

■ 68.6967, 83.5819,
107.1200

Harmonies

Analogous

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



35.2571, 35.2816, 35.2788



34.4463, 35.2816, 33.4283



33.4058, 35.2816, 32.8887

Triad

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



34.4463, 35.2816, 33.4283



31.5442, 35.2816, 38.7847



34.6733, 35.2816, 43.4752

Complementary

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



34.4463, 35.2816, 33.4283



32.6654, 35.1699, 43.5953

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.



33.6627, 35.2816, 44.5295



34.4463, 35.2816, 33.4283



31.8682, 35.2816, 41.7331

Square

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



34.4463, 35.2816, 33.4283



31.7442, 35.2816, 35.8843



32.6382, 35.2816, 43.8759



35.3901, 35.2816, 41.0634

Rectangle

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



34.4463, 35.2816, 33.4283



32.7255, 35.2816, 33.3203



32.6382, 35.2816, 43.8759



34.3559, 35.2816, 44.0057

Sweetspot

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



34.4473, 35.2832, 33.4291



66.7973, 69.7324, 72.8739



34.0819, 32.7691, 38.8049



14.7964, 15.4237, 15.9943



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.4473, 35.2832, 33.4291



60.3826, 61.4922, 56.5878



36.3706, 39.1299, 34.0702



8.2643, 8.5335, 8.4249



14.3600, 9.9254, 1.1589



0.4541, 0.3855, 0.0505

Inverse Universe

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



32.6654, 35.1699, 43.5953



56.6575, 61.2549, 77.8391



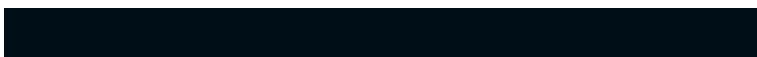
30.8444, 31.5280, 42.9883



7.9573, 8.5140, 10.1767



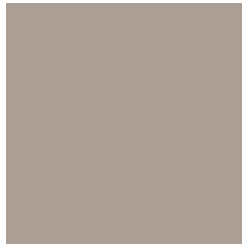
9.1038, 9.3414, 30.3678



0.3053, 0.3640, 0.8621

Previews

White Background



This preview shows how the XYZ color 34.4463, 35.2816, 33.4283 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 34.4463, 35.2816, 33.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

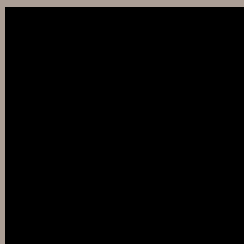
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

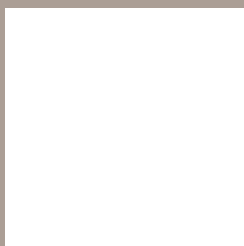
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4463, 35.2816, 33.4283

Background



This preview shows how black text looks on a background with the XYZ color 34.4463, 35.2816, 33.4283.



This preview shows how white text looks on a background with the XYZ color 34.4463, 35.2816,

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

34.4463, 35.2816, 33.4283

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.0488, 35.3480, 33.7770



Tritanopia

35.9300, 35.1169, 41.4438

Trichromacy



Original Color

34.4463, 35.2816, 33.4283

Protanomaly

34.0516, 35.3231, 33.8775

Deuteranomaly

35.5249, 35.3261, 33.8004

Tritanomaly

35.2469, 35.0857, 38.1722

Monochromacy



Original Color

34.4463, 35.2816, 33.4283

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1737, 35.5753, 36.9639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4463, 35.2816, 33.4283 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(171, 158, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 149)  
}
```

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(171, 158, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.4463, 35.2816, 33.4283 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(171, 158, 149) }
```


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

```
.border{ border-color:rgb(171, 158, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4463, 35.2816, 33.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 149) }
```

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

```
.background{ background-color: rgb(171,  
158, 149) }
```

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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