

Converting Colors

XYZ(34.3380, 34.3870, 26.8094)

Have a look what the booklet for
XYZ(34.3380, 34.3870, 26.8094)
contains.

XYZ(34.3109, 34.3609, 26.6537)	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(34.3109, 34.3609,
26.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	B39A84
RGB	179, 154, 132
RGB Percent	70%, 60%, 52%
CMY	0.2980, 0.3961, 0.4823
CMYK	0.00, 0.14, 0.26, 0.30
HSL	28°, 24%, 61%
HSV	28°, 26%, 70%
XYZ	34.3109, 34.3609, 26.6537
YIQ	158.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

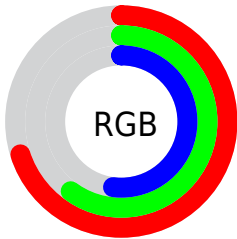
Format	Color
RYB	179, 173, 132
Decimal	11770500
CIELab	65.25, 5.81, 14.97
CIELCh	65, 16.059, 68.798
Yxy	34.3609, 0.3599, 0.3605
Android (android.graphics.Color)	4289960580 (0xFFB39A84)
YUV	158.9670, -13.2947, 17.5689
Hunter-Lab	58.6182, 1.8994, 14.0735

Details

The XYZ color **34.3109, 34.3609, 26.6537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7091, 32.2732, 47.3115**, and the grayscale version is **32.9922, 34.7103, 37.7996**.

A 20% lighter version of the original color is **65.5738, 66.2767, 55.2355**, and **14.9774, 14.7453, 10.0394** is the 20% darker color. If you saturate the color by 10%, you get **31.6804, 30.8947, 20.2433**, and if you desaturate by 10%, it is **37.2781, 38.1636, 34.2140**.

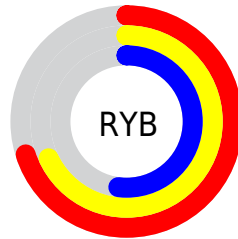
Distribution



Red (70%)

Green (60%)

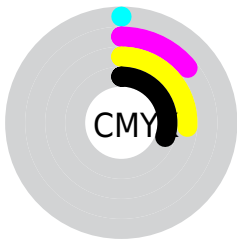
Blue (52%)



Red (70%)

Yellow (68%)

Blue (52%)

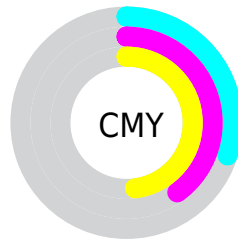


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (30%)



Cyan (30%)


Magenta (40%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3109, 34.3609, 26.6537 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 34.3109, 34.3609, 26.6537 by changing the saturation by 10% instead.


 34.3109, 34.3609,
26.6537


 34.3109, 34.3609,
26.6537


313.0777,
321.7383, 299.6834


 23.2966, 23.1710,
17.0832


 65.7579, 66.4945,
55.3246

 14.9345, 14.7198,
10.1312

 86.9213, 88.2070,
75.2621

 8.8595, 8.6230,
5.3793


 112.1985,
114.1958, 99.4923

 4.7060, 4.4961,
2.4089

141.9547,
144.8453, 128.4338

 2.1088, 1.9548,
0.7913

176.5554,
180.5399, 162.5052

 0.6940, 0.5810,
0.0000

216.3659,

 0.0000, 0.0000,

221.6640, 202.1248

0.0000

261.7515,
268.6020, 247.7114

■ 34.3109, 34.3609,
26.6537

■ 34.3109, 34.3609,
26.6537

■ 31.6804, 30.8947,
20.2433

■ 37.2781, 38.1636,
34.2140

■ 29.3702, 27.7502,
14.9233

■ 40.5919, 42.3076,
42.9756

■ 27.3666, 24.9183,
10.6318

■ 44.2654, 46.8037,
52.9890

■ 25.6535, 22.3878,
7.3000

■ 48.3099, 51.6604,
64.3016

■ 24.2134, 20.1464,
4.8503

■ 52.7362, 56.8863,
76.9580

■ 23.0258, 18.1805,
3.1929

■ 57.5549, 62.4895,
91.0008

■ 22.0651, 16.4742,
2.2093

■ 62.4029, 68.3286,
104.5075

■ 21.7455, 15.8937,
1.9217

■ 64.9828, 73.4883,
105.3674

■ 67.7074, 78.9375,
106.2756

Harmonies

Analogous

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



36.2871, 34.3609, 29.9163



34.3109, 34.3609, 26.6537



31.9766, 34.3609, 26.0839

Triad

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



34.3109, 34.3609, 26.6537



28.4173, 34.3609, 39.4160



35.5557, 34.3609, 48.3636

Complementary

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



34.3109, 34.3609, 26.6537



29.7091, 32.2732, 47.3115

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.



33.3510, 34.3609, 51.6235



34.3109, 34.3609, 26.6537



29.2812, 34.3609, 46.0682

Square

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



34.3109, 34.3609, 26.6537



28.6469, 34.3609, 32.9501



31.0610, 34.3609, 50.7368



37.0292, 34.3609, 42.2621

Rectangle

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



34.3109, 34.3609, 26.6537



30.5422, 34.3609, 27.2325



31.0610, 34.3609, 50.7368



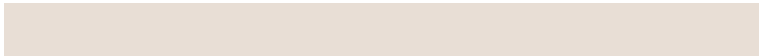
34.8714, 34.3609, 49.8593

Sweetspot

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



34.3118, 34.3625, 26.6544



71.5353, 74.3296, 73.8514



32.9335, 28.5232, 35.6982



15.6469, 16.2167, 15.8242



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.3118, 34.3625, 26.6544



58.4212, 57.5706, 40.2880



38.5634, 42.8656, 28.0716



8.8134, 9.1393, 8.9521



15.4304, 11.3593, 1.3793



0.5441, 0.4745, 0.0629

Inverse Universe

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



29.7091, 32.2732, 47.3115



48.6639, 53.1397, 84.0733



26.1181, 25.0913, 46.1146



8.4036, 8.9534, 10.7916



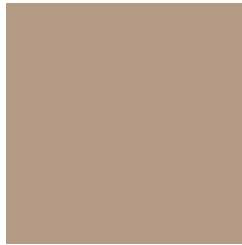
8.7198, 8.2400, 31.2679



0.3321, 0.3748, 1.0031

Previews

White Background



This preview shows how the XYZ color 34.3109, 34.3609, 26.6537 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 34.3109, 34.3609, 26.6537 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 34.3109, 34.3609, 26.6537

Background



This preview shows how black text looks on a background with the XYZ color 34.3109, 34.3609, 26.6537.



This preview shows how white text looks on a background with the XYZ color 34.3109, 34.3609,

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

34.3109, 34.3609, 26.6537

Protanopia

32.4663, 34.3904, 27.4811

Deuteranopia

34.9215, 34.1897, 26.5885



Tritanopia

36.6308, 34.3310, 38.4141

Trichromacy



Original Color

34.3109, 34.3609, 26.6537

Protanomaly

33.0852, 34.4653, 27.0990

Deuteranomaly

34.8475, 34.3935, 26.6317

Tritanomaly

35.6277, 34.1590, 33.5697

Monochromacy



Original Color

34.3109, 34.3609, 26.6537

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2077, 34.3909, 33.3216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3109, 34.3609, 26.6537 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(179, 154, 132)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 132)  
}
```

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(179, 154, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 132) }
```

Border

The CSS property to change the border of an element to XYZ 34.3109, 34.3609, 26.6537 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(179, 154, 132) }
```


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

```
.border{ border-color:rgb(179, 154, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 132);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3109, 34.3609, 26.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 132) }
```

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

```
.background{ background-color: rgb(179,  
154, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor