

Converting Colors

XYZ(34.6613, 33.9382, 24.9741)

Have a look what the booklet for
XYZ(34.6613, 33.9382, 24.9741)
contains.

XYZ(34.7301, 33.8821, 25.1315)	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(34.7301, 33.8821,
25.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	B89780
RGB	184, 151, 128
RGB Percent	72%, 59%, 50%
CMY	0.2784, 0.4078, 0.4980
CMYK	0.00, 0.18, 0.30, 0.28
HSL	25°, 28%, 61%
HSV	25°, 30%, 72%
XYZ	34.7301, 33.8821, 25.1315
YIQ	158.2450, 27.0510, -0.1570

Conversions

Conversions Part 2

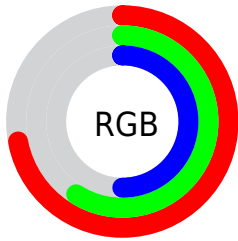
Format	Color
RYB	184, 167, 128
Decimal	12097408
CIELab	64.87, 8.89, 16.75
CIELCh	65, 18.958, 62.049
Yxy	33.8821, 0.3705, 0.3614
Android (android.graphics.Color)	4290287488 (0xFFB89780)
YUV	158.2450, -14.9108, 22.5871
Hunter-Lab	58.2083, 4.6377, 15.1473

Details

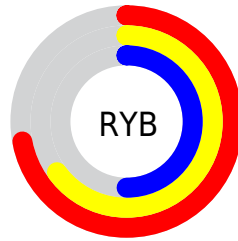
The XYZ color **34.7301, 33.8821, 25.1315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.2984, 33.5387, 50.2243**, and the grayscale version is **32.6684, 34.3697, 37.4286**.

A 20% lighter version of the original color is **66.4474, 65.6996, 52.8952**, and **15.1744, 14.4247, 9.3816** is the 20% darker color. If you saturate the color by 10%, you get **31.9620, 30.1114, 18.7658**, and if you desaturate by 10%, it is **37.8801, 38.0648, 32.7088**.

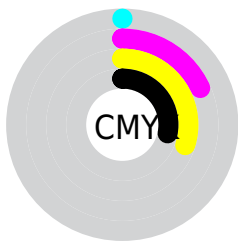
Distribution



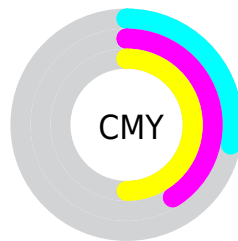
- Red (72%)
- Green (59%)
- Blue (50%)



- Red (72%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7301, 33.8821, 25.1315 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 34.7301, 33.8821, 25.1315 by changing the saturation by 10% instead.


 34.7301, 33.8821,
25.1315


 34.7301, 33.8821,
25.1315


314.9043,
319.6060, 291.9608


 23.6206, 22.8030,
15.9551


 66.4042, 65.7503,
52.8372

 15.1756, 14.4481,
9.3384

 87.6995, 87.3082,
72.2037

 9.0298, 8.4330,
4.8627


 113.1208,
113.1278, 95.8039

 4.8179, 4.3732,
2.1096

143.0334,
143.5936, 124.0565

 2.1745, 1.8845,
0.6215

177.8027,
179.0900, 157.3799

 0.7292, 0.5390,
0.0000

217.7941,

 0.0000, 0.0000,

220.0012, 196.1928

0.0000

263.3728,
266.7117, 240.9135

■ 34.7301, 33.8821,
25.1315

■ 34.7301, 33.8821,
25.1315

■ 31.9620, 30.1114,
18.7658

■ 37.8801, 38.0648,
32.7088

■ 29.5569, 26.7345,
13.5456

■ 41.4245, 42.6674,
41.5549

■ 27.4983, 23.7390,
9.4016


■ 45.3784, 47.7035,
51.7257


■ 25.7670, 21.1095,
6.2561


■ 49.7553, 53.1848,
63.2733


■ 24.3416, 18.8296,
4.0207


■ 54.5680, 59.1223,
76.2469


 23.1974, 16.8811,
2.5911

 59.8288, 65.5267,
90.6931

 22.3231, 15.3021,
1.7771

 65.2579, 72.2917,
105.1220

 68.3155, 78.4069,
106.1412

 71.5631, 84.9020,
107.2237

Harmonies

Analogous

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



36.8661, 33.8821, 29.4688



34.7301, 33.8821, 25.1315



32.0164, 33.8821, 23.8040

Triad

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



34.7301, 33.8821, 25.1315



27.2330, 33.8821, 37.4325



35.0734, 33.8821, 51.1733

Complementary

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



34.7301, 33.8821, 25.1315



30.2984, 33.5387, 50.2243

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.



32.3922, 33.8821, 54.0667



34.7301, 33.8821, 25.1315



27.9524, 33.8821, 45.4672

Square

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



34.7301, 33.8821, 25.1315



27.7818, 33.8821, 30.2784



29.8033, 33.8821, 51.8454



37.0720, 33.8821, 44.4044

Rectangle

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



34.7301, 33.8821, 25.1315



30.2714, 33.8821, 24.6279



29.8033, 33.8821, 51.8454



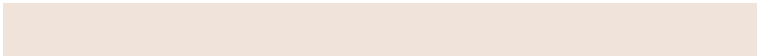
34.2170, 33.8821, 52.6713

Sweetspot

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



34.7310, 33.8837, 25.1322



75.9710, 78.4735, 77.5596



33.9727, 28.2235, 37.6538



16.1645, 16.6433, 16.1786



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.7310, 33.8837, 25.1322



59.2846, 56.4364, 37.0515



39.6638, 43.7493, 26.7765



9.2995, 9.6019, 9.4701



15.4510, 10.6783, 1.2468



0.6060, 0.4991, 0.0644

Inverse Universe

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



30.2984, 33.5387, 50.2243



49.8675, 55.6925, 90.3260



26.0241, 24.9902, 48.7996



8.9490, 9.5752, 11.4560



9.7598, 9.9794, 32.6649



0.4034, 0.4705, 1.1713

Previews

White Background



This preview shows how the XYZ color 34.7301, 33.8821, 25.1315 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 34.7301, 33.8821, 25.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

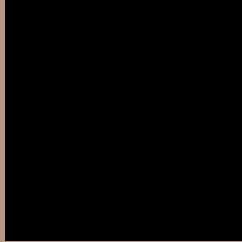
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7301, 33.8821, 25.1315

Background



This preview shows how black text looks on a background with the XYZ color 34.7301, 33.8821, 25.1315.



This preview shows how white text looks on a background with the XYZ color 34.7301, 33.8821,

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

34.7301, 33.8821, 25.1315

Protanopia

31.8796, 33.8596, 26.3281

Deuteranopia

34.4913, 33.7590, 25.1203



Tritanopia

37.0988, 33.9009, 36.9360

Trichromacy



Original Color

34.7301, 33.8821, 25.1315

Protanomaly

32.9842, 33.9386, 25.9315

Deuteranomaly

34.4913, 33.7590, 25.1203

Tritanomaly

36.1061, 33.7255, 32.2104

Monochromacy



Original Color

34.7301, 33.8821, 25.1315

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9242, 33.7648, 32.3857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7301, 33.8821, 25.1315 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(184, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 128)  
}
```

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(184, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 128) }
```

Border

The CSS property to change the border of an element to XYZ 34.7301, 33.8821, 25.1315 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(184, 151, 128) }
```


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

```
.border{ border-color:rgb(184, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7301, 33.8821, 25.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 128) }
```

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

```
.background{ background-color: rgb(184,  
151, 128) }
```

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