

Converting Colors

XYZ(37.1618, 35.5005, 33.2263)

Have a look what the booklet for
XYZ(37.1618, 35.5005, 33.2263)
contains.

XYZ(37.0657, 35.3915, 33.3114)	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(37.0657, 35.3915,
33.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9995
RGB	186, 153, 149
RGB Percent	73%, 60%, 58%
CMY	0.2706, 0.4000, 0.4157
CMYK	0.00, 0.18, 0.20, 0.27
HSL	6°, 21%, 66%
HSV	6°, 20%, 73%
XYZ	37.0657, 35.3915, 33.3114
YIQ	162.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

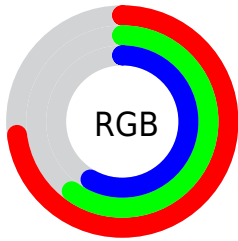
Format	Color
RYB	186, 153, 149
Decimal	12229013
CIELab	66.05, 11.62, 6.71
CIELCh	66, 13.420, 29.978
Yxy	35.3915, 0.3504, 0.3346
Android (android.graphics.Color)	4290419093 (0xFFBA9995)
YUV	162.4110, -6.6116, 20.6876
Hunter-Lab	59.4908, 7.1056, 8.4445

Details

The XYZ color **37.0657, 35.3915, 33.3114** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9848, 43.3893, 52.8275**, and the grayscale version is **34.5594, 36.3592, 39.5951**.

A 20% lighter version of the original color is **70.0545, 67.9921, 65.9314**, and **16.4717, 15.2901, 13.6384** is the 20% darker color. If you saturate the color by 10%, you get **33.1691, 29.7878, 25.2619**, and if you desaturate by 10%, it is **41.5789, 41.8482, 42.7373**.

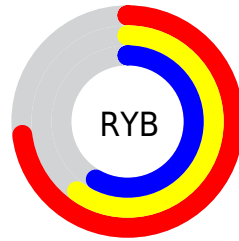
Distribution



Red (73%)

Green (60%)

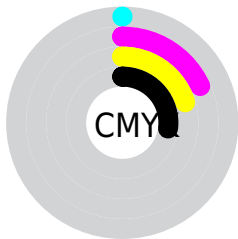
Blue (58%)



Red (73%)

Yellow (60%)

Blue (58%)

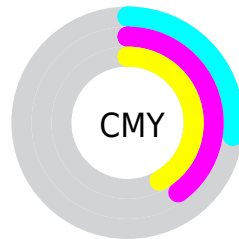


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0657, 35.3915, 33.3114 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 37.0657, 35.3915, 33.3114 by changing the saturation by 10% instead.


 37.0657, 35.3915,
33.3114


 37.0657, 35.3915,
33.3114


324.9455,
326.2930, 331.7255

 25.4323, 23.9646,
22.0920

 69.9870, 68.0918,
65.9830

 16.5298, 15.3074,
13.7256


 92.0056, 90.1340,
88.2723

 9.9931, 9.0354,
7.7935


118.2166,
116.4835, 115.0887

 5.4566, 4.7643,
3.8772

148.9854,
147.5246, 146.8507

 2.5551, 2.1096,
1.5582

184.6773,
183.6417, 183.9768

 0.9231, 0.6700,
0.2608

225.6577,

 0.0000, 0.0000,

225.2192, 226.8857

0.0000

272.2920,
272.6415, 275.9957

■ 37.0657, 35.3915,
33.3114

■ 37.0657, 35.3915,
33.3114

■ 33.1691, 29.7878,
25.2619

■ 41.5789, 41.8482,
42.7373

■ 29.8594, 24.9967,
18.5223

■ 46.7308, 49.1863,
53.5975

■ 27.1089, 20.9819,
13.0238

■ 52.5461, 57.4391,
65.9492

■ 24.8865, 17.7024,
8.6905

■ 59.0472, 66.6365,
79.8459

■ 23.1580, 15.1135,
5.4381

■ 66.2555, 76.8071,
95.3385

■ 21.8852, 13.1655,
3.1712

■ 73.2764, 87.6124,
107.6566

■ 21.0239, 11.8020,
1.7771

■ 74.0598, 89.1791,
107.9177

■ 20.5065, 10.9508,
1.0387

■ 20.5022, 10.9439,
1.0318

Harmonies

Analogous

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



37.6149, 35.3915, 38.5396



37.0657, 35.3915, 33.3114



35.5911, 35.3915, 29.7987

Triad

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



37.0657, 35.3915, 33.3114



30.4309, 35.3915, 33.3047



33.6371, 35.3915, 50.5750

Complementary

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



37.0657, 35.3915, 33.3114



37.9848, 43.3893, 52.8275

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.



31.7588, 35.3915, 48.8317



37.0657, 35.3915, 33.3114



29.9528, 35.3915, 38.5310

Square

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



37.0657, 35.3915, 33.3114



31.7613, 35.3915, 29.7951



30.4295, 35.3915, 44.2787



35.5884, 35.3915, 48.8367

Rectangle

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



37.0657, 35.3915, 33.3114



34.3094, 35.3915, 28.7135



30.4295, 35.3915, 44.2787



32.9765, 35.3915, 50.3747

Sweetspot

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



37.0667, 35.3931, 33.3121



78.7669, 80.7052, 84.6177



39.4719, 35.3242, 49.1567



17.2138, 17.5845, 18.3564



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.0667, 35.3931, 33.3121



63.8676, 59.3878, 53.5047



40.2755, 41.8107, 34.3817



9.0808, 9.1645, 9.3972



13.8212, 7.4188, 0.7035



0.5132, 0.3135, 0.0335

Inverse Universe

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



37.9848, 43.3893, 52.8275



65.8417, 76.5969, 95.5159



34.4974, 36.4145, 51.6650



9.1814, 10.0401, 11.5335



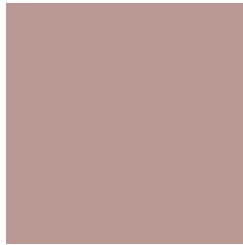
15.1545, 20.7687, 34.4631



0.5581, 0.7800, 1.2229

Previews

White Background



This preview shows how the XYZ color 37.0657, 35.3915, 33.3114 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 37.0657, 35.3915, 33.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

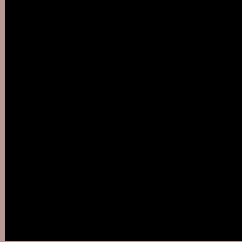
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0657, 35.3915, 33.3114

Background



This preview shows how black text looks on a background with the XYZ color 37.0657, 35.3915, 33.3114.



This preview shows how white text looks on a background with the XYZ color 37.0657, 35.3915,

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

37.0657, 35.3915, 33.3114

Protanopia

33.8376, 35.4409, 35.1943

Deuteranopia

36.2022, 35.4364, 33.3656



Tritanopia

38.4165, 35.4689, 39.4717

Trichromacy



Original Color

37.0657, 35.3915, 33.3114

Protanomaly

34.9580, 35.2652, 34.6701

Deuteranomaly

36.5089, 35.3484, 33.3325

Tritanomaly

37.8933, 35.4899, 37.2008

Monochromacy



Original Color

37.0657, 35.3915, 33.3114

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2785, 35.8885, 36.9661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0657, 35.3915, 33.3114 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(186, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(186, 153, 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(186, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 153, 149) }
```

Border

The CSS property to change the border of an element to XYZ 37.0657, 35.3915, 33.3114 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(186, 153, 149) }
```


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

```
.border{ border-color:rgb(186, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(186, 153,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0657, 35.3915, 33.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 153, 149) }
```

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

```
.background{ background-color: rgb(186,  
153, 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](#).

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