

Converting Colors

XYZ(37.3291, 35.6322, 31.0608)

Have a look what the booklet for
XYZ(37.3291, 35.6322, 31.0608)
contains.

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Color

**XYZ(37.3354, 35.5845,
30.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	BD998F
RGB	189, 153, 143
RGB Percent	74%, 60%, 56%
CMY	0.2588, 0.4000, 0.4392
CMYK	0.00, 0.19, 0.24, 0.26
HSL	13°, 26%, 65%
HSV	13°, 24%, 74%
XYZ	37.3354, 35.5845, 30.8873
YIQ	162.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

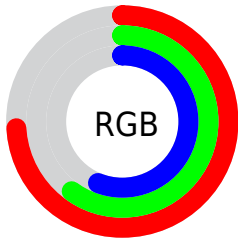
Format	Color
R _Y B	189, 156, 143
Decimal	12425615
CIE Lab	66.20, 11.87, 10.31
CIE LCh	66, 15.722, 40.995
Yxy	35.5845, 0.3597, 0.3428
Android (android.graphics.Color)	4290615695 (0xFFBD998F)
YUV	162.6240, -9.6746, 23.1318
Hunter-Lab	59.6527, 7.3271, 11.0574

Details

The XYZ color **37.3354, 35.5845, 30.8873** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6326, 41.7526, 54.2725**, and the grayscale version is **34.6723, 36.4780, 39.7246**.

A 20% lighter version of the original color is **70.3969, 68.2497, 62.2865**, and **16.7188, 15.4440, 12.4557** is the 20% darker color. If you saturate the color by 10%, you get **33.7502, 30.5154, 23.2136**, and if you desaturate by 10%, it is **41.4638, 41.3534, 39.9330**.

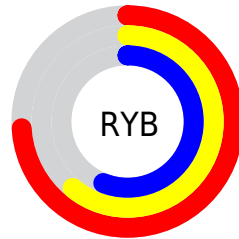
Distribution



Red (74%)

Green (60%)

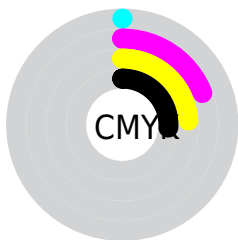
Blue (56%)



Red (74%)

Yellow (61%)

Blue (56%)

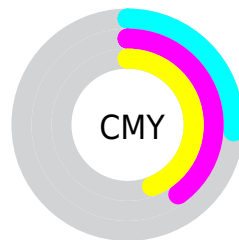


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3354, 35.5845, 30.8873 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 37.3354, 35.5845, 30.8873 by changing the saturation by 10% instead.


 37.3354, 35.5845,
30.8873


 37.3354, 35.5845,
30.8873


326.0907,
327.1408, 320.3539

 25.6421, 24.1135,
20.2553


 70.3988, 68.3903,
62.1401

 16.6874, 15.4178,
12.3948

 92.4997, 90.4938,
83.5980

 10.1058, 9.1131,
6.8874


118.8005,
116.9103, 109.5015

 5.5320, 4.8151,
3.3144

149.6666,
148.0241, 140.2694

 2.6006, 2.1392,
1.2573

185.4633,
184.2197, 176.3200

 0.9462, 0.6865,
0.0264

226.5560,

 0.0000, 0.0000,

225.8814, 218.0719

0.0000

273.3100,
273.3936, 265.9437

■ 37.3354, 35.5845,
30.8873

■ 37.3354, 35.5845,
30.8873

■ 33.7502, 30.5154,
23.2136

■ 41.4638, 41.3534,
39.9330

■ 30.6823, 26.1147,
16.8424

■ 46.1543, 47.8426,
50.4111

■ 28.1081, 22.3554,
11.7014

■ 51.4280, 55.0775,
62.3811

■ 26.0005, 19.2070,
7.7104

■ 57.3044, 63.0811,
75.8985

■ 24.3303, 16.6365,
4.7797

■ 63.8020, 71.8752,
91.0158

■ 23.0641, 14.6075,
2.8057

■ 70.7119, 81.3901,
106.5907

■ 22.1634, 13.0791,
1.6640

■ 74.7963, 89.5588,
107.9521

■ 21.7828, 12.4119,
1.2477

Harmonies

Analogous

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



38.4371, 35.5845, 36.3379



37.3354, 35.5845, 30.8873



35.3095, 35.5845, 27.7877

Triad

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



37.3354, 35.5845, 30.8873



29.7411, 35.5845, 34.6961



34.6880, 35.5845, 52.8320

Complementary

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



37.3354, 35.5845, 30.8873



36.6326, 41.7526, 54.2725

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.



32.3768, 35.5845, 52.2608



37.3354, 35.5845, 30.8873



29.5919, 35.5845, 41.2572

Square

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



37.3354, 35.5845, 30.8873



30.9536, 35.5845, 29.8051



30.5362, 35.5845, 47.8348



36.8624, 35.5845, 49.3156

Rectangle

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



37.3354, 35.5845, 30.8873



33.7439, 35.5845, 27.2299



30.5362, 35.5845, 47.8348



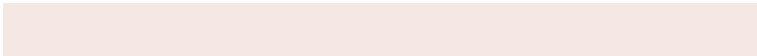
33.9002, 35.5845, 53.1211

Sweetspot

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



37.3364, 35.5861, 30.8880



80.2288, 82.3301, 84.8173



38.9490, 33.7201, 47.1215



17.1423, 17.5520, 17.9917



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.



37.3364, 35.5861, 30.8880



63.4586, 58.9267, 47.9757



41.4632, 43.8398, 32.2636



9.6939, 9.8638, 9.9696



14.7033, 8.4453, 0.8552



0.6253, 0.4296, 0.0500

Inverse Universe

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



36.6326, 41.7526, 54.2725



61.9829, 71.7954, 96.8173



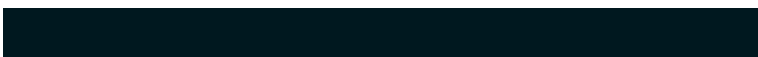
32.4074, 33.3023, 52.8641



9.6277, 10.4478, 12.1814



13.3523, 16.8164, 34.9351



0.5676, 0.7478, 1.3833

Previews

White Background



This preview shows how the XYZ color 37.3354, 35.5845, 30.8873 looks on a white background.

Color Contrast Check

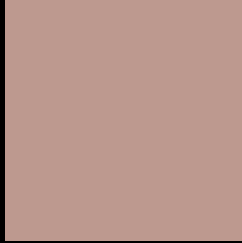
Large Text (above 18pt) WCAG AA × Fail

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 37.3354, 35.5845, 30.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

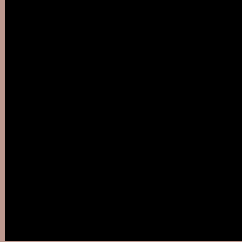
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3354, 35.5845, 30.8873

Background



This preview shows how black text looks on a background with the XYZ color 37.3354, 35.5845, 30.8873.



This preview shows how white text looks on a background with the XYZ color 37.3354, 35.5845,

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

37.3354, 35.5845, 30.8873

Protanopia

33.9477, 35.8118, 32.7269

Deuteranopia

36.2077, 35.4931, 30.9291



Tritanopia

38.9138, 35.4977, 38.9832

Trichromacy



Original Color

37.3354, 35.5845, 30.8873

Protanomaly

35.0944, 35.6430, 32.2242

Deuteranomaly

36.5211, 35.4087, 30.8963

Tritanomaly

38.2182, 35.4469, 35.8380

Monochromacy



Original Color

37.3354, 35.5845, 30.8873

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4121, 35.9672, 36.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3354, 35.5845, 30.8873 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(189, 153, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 143)  
}
```

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(189, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.3354, 35.5845, 30.8873 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(189, 153, 143) }
```


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

```
.border{ border-color:rgb(189, 153, 143) }
```

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

Here you see how a box with a 4 pixel rgb(189, 153, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3354, 35.5845, 30.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 143) }
```

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

```
.background{ background-color: rgb(189,  
153, 143) }
```

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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