

Converting Colors

XYZ(33.4106, 30.7130, 31.1907)

Have a look what the booklet for
XYZ(33.4106, 30.7130, 31.1907)
contains.

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Color

**XYZ(33.5356, 30.8284,
31.3771)**

Conversions

Conversions Part 1

Format	Color
Hex	B48D92
RGB	180, 141, 146
RGB Percent	71%, 55%, 57%
CMY	0.2941, 0.4470, 0.4274
CMYK	0.00, 0.22, 0.19, 0.29
HSL	352°, 21%, 63%
HSV	352°, 22%, 71%
XYZ	33.5356, 30.8284, 31.3771
YIQ	153.2310, 21.6390, 9.8230

Conversions

Conversions Part 2

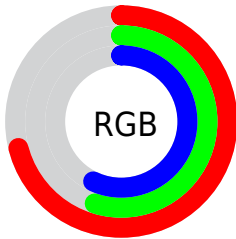
Format	Color
RYB	180, 141, 146
Decimal	11832722
CIELab	62.36, 15.54, 3.00
CIElCh	62, 15.831, 10.940
Yxy	30.8284, 0.3503, 0.3220
Android (android.graphics.Color)	4290022802 (0xFFB48D92)
YUV	153.2310, -3.5649, 23.4764
Hunter-Lab	55.5233, 10.6466, 5.3606

Details

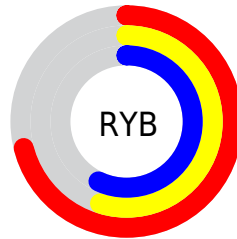
The XYZ color **33.5356, 30.8284, 31.3771** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0449, 41.4012, 46.7037**, and the grayscale version is **30.3880, 31.9706, 34.8160**.

A 20% lighter version of the original color is **64.5325, 61.0332, 63.0229**, and **14.6048, 12.8387, 12.7747** is the 20% darker color. If you saturate the color by 10%, you get **29.9560, 25.4904, 24.5687**, and if you desaturate by 10%, it is **37.7159, 37.0990, 39.2133**.

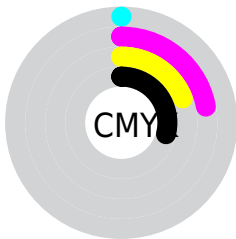
Distribution



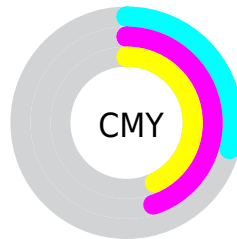
- Red (71%)
- Green (55%)
- Blue (57%)



- Red (71%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (29%)





- Cyan (29%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5356, 30.8284, 31.3771 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 33.5356, 30.8284, 31.3771 by changing the saturation by 10% instead.


 33.5356, 30.8284,
31.3771


 33.5356, 30.8284,
31.3771


309.6788,
305.7470, 322.6767


 22.6983, 20.4682,
20.6253

 64.5599, 60.9698,
62.9198

 14.4903, 12.7358,
12.6618


 85.4776, 81.5198,
84.5478

 8.5465, 7.2469,
7.0681


 110.4862,
106.2352, 110.6383

 4.5013, 3.6170,
3.4256

139.9509,
135.5004, 141.6098

 1.9894, 1.4617,
1.3159

174.2372,
169.6998, 177.8808

 0.6280, 0.2615,
0.0747

213.7103,

 0.0000, 0.0000,

209.2177, 219.8700

0.0000

258.7358,
254.4387, 267.9957

■ 33.5356, 30.8284,
31.3771

■ 33.5356, 30.8284,
31.3771

■ 29.9560, 25.4904,
24.5687

■ 37.7159, 37.0990,
39.2133

■ 26.9469, 21.0363,
18.7435

■ 42.5202, 44.3393,
48.1156

■ 24.4794, 17.4198,
13.8565

■ 47.9735, 52.5896,
58.1225

■ 22.5210, 14.5882,
9.8583

■ 54.0989, 61.8866,
69.2703

■ 21.0357, 12.4831,
6.6951

■ 60.9181, 72.2652,
81.5933

■ 19.9827, 11.0378,
4.3071

■ 68.4522, 83.7587,
95.1246

■ 19.3141, 10.1734,
2.6264

■ 72.6325, 88.4434,
107.8509

■ 18.9778, 9.7655,
1.6986

Harmonies

Analogous

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



33.3706, 30.8284, 37.5695



33.5356, 30.8284, 31.3771



32.5252, 30.8284, 26.4136

Triad

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



33.5356, 30.8284, 31.3771



26.6839, 30.8284, 25.4193



27.9765, 30.8284, 46.0001

Complementary

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



33.5356, 30.8284, 31.3771



35.0449, 41.4012, 46.7037

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.



26.2981, 30.8284, 41.9074



33.5356, 30.8284, 31.3771



25.5773, 30.8284, 29.8592

Square

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



33.5356, 30.8284, 31.3771



28.5265, 30.8284, 23.2636



25.4396, 30.8284, 35.8563



30.0903, 30.8284, 46.5357

Rectangle

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



33.5356, 30.8284, 31.3771



31.3486, 30.8284, 24.2733



25.4396, 30.8284, 35.8563



27.3455, 30.8284, 44.9732

Sweetspot

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



33.5365, 30.8298, 31.3777



73.0887, 74.3476, 79.8360



35.3984, 31.4374, 47.3826



15.6768, 15.8879, 17.0326



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.



33.5365, 30.8298, 31.3777



57.5723, 51.0669, 50.7645



35.4024, 35.1703, 30.1237



8.5392, 8.5224, 9.0719



13.2596, 6.8214, 1.2613



0.4312, 0.2202, 0.1136

Inverse Universe

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



33.5365, 30.8298, 31.3777



57.5723, 51.0669, 50.7645



32.8057, 36.1226, 48.4236



8.5392, 8.5224, 9.0719



13.2596, 6.8214, 1.2613



0.4312, 0.2202, 0.1136

Previews

White Background



This preview shows how the XYZ color 33.5356, 30.8284, 31.3771 looks on a white background.

Color Contrast Check

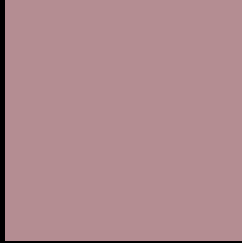
Large Text (above 18pt) WCAG AA × Fail

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 33.5356, 30.8284, 31.3771 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 33.5356, 30.8284, 31.3771

Background



This preview shows how black text looks on a background with the XYZ color 33.5356, 30.8284, 31.3771.



This preview shows how white text looks on a background with the XYZ color 33.5356, 30.8284,

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

33.5356, 30.8284, 31.3771

Protanopia

29.6291, 30.8194, 33.6653

Deuteranopia

31.5382, 30.9269, 31.0953



Tritanopia

34.0201, 30.8143, 33.4329

Trichromacy



Original Color

33.5356, 30.8284, 31.3771

Protanomaly

30.9628, 30.8239, 32.7515

Deuteranomaly

32.0974, 30.7615, 31.0339

Tritanomaly

33.8590, 30.7499, 32.5845

Monochromacy



Original Color

33.5356, 30.8284, 31.3771

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.3567, 31.4834, 33.2784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5356, 30.8284, 31.3771 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(180, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(180, 141, 146)  
}
```

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(180, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.5356, 30.8284, 31.3771 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(180, 141, 146) }
```


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

```
.border{ border-color:rgb(180, 141, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 141, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(180, 141,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5356, 30.8284, 31.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 146) }
```

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

```
.background{ background-color: rgb(180,  
141, 146) }
```

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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