

Converting Colors

XYZ(33.6020, 31.5426, 30.7113)

Have a look what the booklet for
XYZ(33.6020, 31.5426, 30.7113)
contains.

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Color

**XYZ(33.5977, 31.5438,
30.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	B39090
RGB	179, 144, 144
RGB Percent	70%, 56%, 56%
CMY	0.2980, 0.4353, 0.4353
CMYK	0.00, 0.20, 0.20, 0.30
HSL	0°, 19%, 63%
HSV	0°, 20%, 70%
XYZ	33.5977, 31.5438, 30.7033
YIQ	154.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

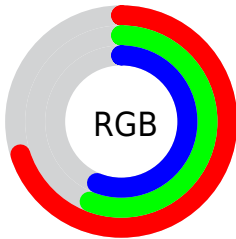
Format	Color
R _Y B	179, 144, 144
Decimal	11767952
CIE Lab	62.96, 13.17, 4.99
CIE LCh	63, 14.084, 20.768
Yxy	31.5438, 0.3505, 0.3291
Android (android.graphics.Color)	4289958032 (0xFFB39090)
YUV	154.4650, -5.1592, 21.5172
Hunter-Lab	56.1639, 8.4934, 6.9024

Details

The XYZ color **33.5977, 31.5438, 30.7033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7581, 41.4232, 48.7590**, and the grayscale version is **30.9358, 32.5469, 35.4436**.

A 20% lighter version of the original color is **64.6481, 62.1276, 62.0106**, and **14.6273, 13.2492, 12.3761** is the 20% darker color. If you saturate the color by 10%, you get **29.8374, 26.0415, 23.2267**, and if you desaturate by 10%, it is **38.0065, 37.9953, 39.4670**.

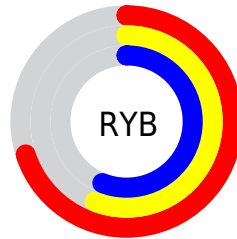
Distribution



Red (70%)

Green (56%)

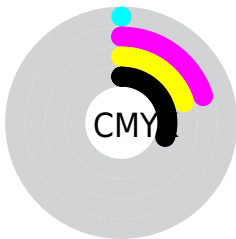
Blue (56%)



Red (70%)

Yellow (56%)

Blue (56%)

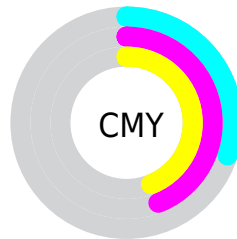


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5977, 31.5438, 30.7033 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 33.5977, 31.5438, 30.7033 by changing the saturation by 10% instead.


 33.5977, 31.5438,
30.7033


 33.5977, 31.5438,
30.7033

309.9520,
309.0358, 319.4778

 22.7461, 21.0133,
20.1165


 64.6560, 62.0952,
61.8467

 14.5258, 13.1337,
12.2948


 85.5935, 82.8849,
83.2404

 8.5714, 7.5207,
6.8198


110.6236,
107.8631, 109.0734

 4.5176, 3.7898,
3.2729

140.1118,
137.4143, 139.7644

 1.9989, 1.5567,
1.2356

174.4234,
171.9227, 175.7317

 0.6333, 0.3281,
0.0081

213.9237,

 0.0000, 0.0000,

211.7729, 217.3941

0.0000

258.9782,
257.3491, 265.1699

■ 33.5977, 31.5438,
30.7033

■ 33.5977, 31.5438,
30.7033

■ 29.8374, 26.0415,
23.2267

■ 38.0065, 37.9953,
39.4670

■ 26.6925, 21.4397,
16.9749

■ 43.0896, 45.4332,
49.5723

■ 24.1311, 17.6917,
11.8831

■ 48.8746, 53.8981,
61.0729

■ 22.1174, 14.7449,
7.8800

■ 55.3867, 63.4269,
74.0192

■ 20.6114, 12.5411,
4.8863

■ 62.6498, 74.0548,
88.4588

■ 19.5679, 11.0141,
2.8122

■ 70.6870, 85.8153,
104.4373

■ 18.9336, 10.0860,
1.5516

■ 72.4005, 88.3238,
107.8400

■ 18.6038, 9.6033,
0.8961

■ 18.5907, 9.5841,
0.8701

Harmonies

Analogous

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



33.8070, 31.5438, 36.0843



33.5977, 31.5438, 30.7033



32.3974, 31.5438, 26.7335

Triad

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



33.5977, 31.5438, 30.7033



27.1900, 31.5438, 28.0361



29.3883, 31.5438, 45.9773

Complementary

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



33.5977, 31.5438, 30.7033



35.7581, 41.4232, 48.7590

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.



27.6887, 31.5438, 43.2813



33.5977, 31.5438, 30.7033



26.4559, 31.5438, 32.6641

Square

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



33.5977, 31.5438, 30.7033



28.6810, 31.5438, 25.3126



26.6344, 31.5438, 38.2656



31.3206, 31.5438, 45.3070

Rectangle

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



33.5977, 31.5438, 30.7033



31.2241, 31.5438, 25.2329



26.6344, 31.5438, 38.2656



28.7722, 31.5438, 45.4247

Sweetspot

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



33.5986, 31.5452, 30.7040



71.0712, 72.4422, 76.6537



36.7007, 32.7853, 47.0420



15.6198, 15.8652, 16.7322



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.



33.5986, 31.5452, 30.7040



57.4559, 52.5193, 49.5865



36.4572, 37.2626, 31.6568



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



35.7581, 41.4232, 48.7590



61.9581, 73.1130, 87.2279



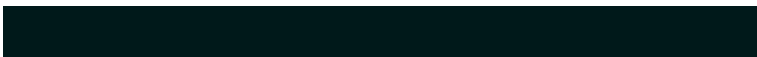
32.4711, 34.8492, 47.6633



8.7426, 9.6314, 10.9046



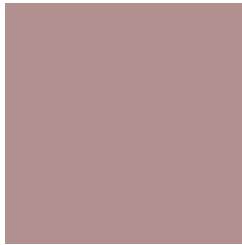
17.1387, 25.0777, 34.0742



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 33.5977, 31.5438, 30.7033 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 33.5977, 31.5438, 30.7033 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 33.5977, 31.5438, 30.7033

Background



This preview shows how black text looks on a background with the XYZ color 33.5977, 31.5438, 30.7033.



This preview shows how white text looks on a background with the XYZ color 33.5977, 31.5438,

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

33.5977, 31.5438, 30.7033

Protanopia

30.2838, 31.6625, 32.5323

Deuteranopia

32.1862, 31.5085, 30.3720



Tritanopia

34.4776, 31.6813, 34.8698

Trichromacy



Original Color

33.5977, 31.5438, 30.7033

Protanomaly

31.3237, 31.4940, 32.0318

Deuteranomaly

32.6924, 31.5396, 30.3513

Tritanomaly

34.1499, 31.5502, 33.1441

Monochromacy



Original Color

33.5977, 31.5438, 30.7033

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.5156, 31.8012, 33.3314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5977, 31.5438, 30.7033 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, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(179, 144, 144)  
}
```

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, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 33.5977, 31.5438, 30.7033 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, 144, 144) }
```


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

```
.border{ border-color:rgb(179, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(179, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5977, 31.5438, 30.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 144, 144) }
```

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

```
.background{ background-color: rgb(179,  
144, 144) }
```

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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