

Converting Colors

XYZ(33.6937, 30.4988, 34.5501)

Have a look what the booklet for
XYZ(33.6937, 30.4988, 34.5501)
contains.

XYZ(33.6558, 30.3820, 34.6623)	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(33.6558, 30.3820,
34.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	B38B9A
RGB	179, 139, 154
RGB Percent	70%, 55%, 60%
CMY	0.2980, 0.4549, 0.3961
CMYK	0.00, 0.22, 0.14, 0.30
HSL	338°, 21%, 62%
HSV	338°, 22%, 70%
XYZ	33.6558, 30.3820, 34.6623
YIQ	152.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

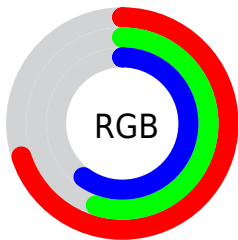
Format	Color
R_YB	179, 139, 154
Decimal	11766682
CIE _{Lab}	61.98, 17.60, -2.11
CIE _{LCh}	62, 17.729, 353.167
Yxy	30.3820, 0.3410, 0.3078
Android (android.graphics.Color)	4289956762 (0xFFB38B9A)
YUV	152.6700, 0.6557, 23.0914
Hunter-Lab	55.1199, 12.5311, 1.2992

Details

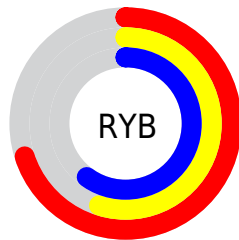
The XYZ color **33.6558, 30.3820, 34.6623** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4697, 40.4104, 41.1599**, and the grayscale version is **30.1270, 31.6960, 34.5169**.

A 20% lighter version of the original color is **64.7161, 60.3562, 67.9135**, and **14.6247, 12.5596, 14.4854** is the 20% darker color. If you saturate the color by 10%, you get **30.3844, 25.2613, 29.1867**, and if you desaturate by 10%, it is **37.4402, 36.3889, 40.7382**.

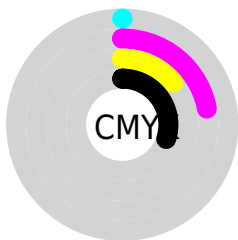
Distribution



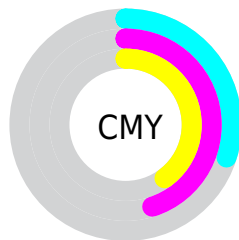
- Red (70%)
- Green (55%)
- Blue (60%)



- Red (70%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (30%)




- Cyan (30%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6558, 30.3820, 34.6623 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 33.6558, 30.3820, 34.6623 by changing the saturation by 10% instead.


 33.6558, 30.3820,
34.6623


 33.6558, 30.3820,
34.6623


310.2075,
303.6810, 337.9341


 22.7909, 20.1287,
23.1214

 64.7459, 60.2658,
68.1079

 14.5591, 12.4886,
14.4770


 85.7019, 80.6650,
90.8497

 8.5948, 7.0774,
8.3107


 110.7522,
105.2151, 118.1622

 4.5328, 3.5105,
4.2038

140.2623,
134.3003, 150.4639

 2.0078, 1.4037,
1.7378

174.5976,
168.3052, 188.1734

 0.6383, 0.2195,
0.3864

214.1233,

 0.0000, 0.0000,

207.6139, 231.7093

0.0000

259.2048,
252.6111, 281.4900

■ 33.6558, 30.3820,
34.6623

■ 33.6558, 30.3820,
34.6623

■ 30.3844, 25.2613,
29.1867

■ 37.4402, 36.3889,
40.7382

■ 27.6004, 20.9806,
24.2901

■ 41.7565, 43.3172,
47.4308

■ 25.2798, 17.4954,
19.9528

■ 46.6257, 51.2053,
54.7584

■ 23.3955, 14.7558,
16.1529

■ 52.0671, 60.0882,
62.7376

■ 21.9175, 12.7058,
12.8671

■ 58.0989, 69.9990,
71.3847

■ 20.8115, 11.2816,
10.0697

■ 64.7383, 80.9693,
80.7152

■ 20.0372, 10.4074,
7.7323

■ 68.9617, 86.9482,
89.7306

■ 19.6073, 9.9905,
6.2235

■ 70.6052, 87.6057,
98.3856

■ 72.3519, 88.3043,
107.5834

Harmonies

Analogous

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



32.6910, 30.3820, 41.5623



33.6558, 30.3820, 34.6623



33.2850, 30.3820, 28.1950

Triad

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



33.6558, 30.3820, 34.6623



27.1166, 30.3820, 22.4494



26.2236, 30.3820, 44.6992

Complementary

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



33.6558, 30.3820, 34.6623



33.4697, 40.4104, 41.1599

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.



24.8767, 30.3820, 38.5008



33.6558, 30.3820, 34.6623



25.3722, 30.3820, 25.8397

Square

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



33.6558, 30.3820, 34.6623



29.4242, 30.3820, 21.7145



24.5737, 30.3820, 31.5482



28.3370, 30.3820, 47.8495

Rectangle

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



33.6558, 30.3820, 34.6623



32.3397, 30.3820, 24.9115



24.5737, 30.3820, 31.5482



25.6711, 30.3820, 42.8654

Sweetspot

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



33.6567, 30.3834, 34.6629



70.9723, 71.4452, 79.0845



32.6116, 29.5785, 46.6388



15.6234, 15.6674, 17.3653



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.



33.6567, 30.3834, 34.6629



57.1700, 49.5331, 56.9345



33.1745, 31.2948, 28.7197



8.6238, 8.5562, 9.5172



13.8846, 7.0714, 4.5522



0.4657, 0.2340, 0.2952

Inverse Universe

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



33.6567, 30.3834, 34.6629



57.1700, 49.5331, 56.9345



33.9857, 39.1456, 48.4130



8.6238, 8.5562, 9.5172



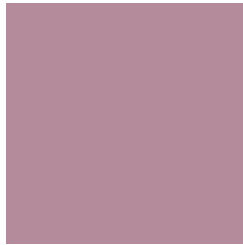
13.8846, 7.0714, 4.5522



0.4657, 0.2340, 0.2952

Previews

White Background



This preview shows how the XYZ color 33.6558, 30.3820, 34.6623 looks on a white background.

Color Contrast Check

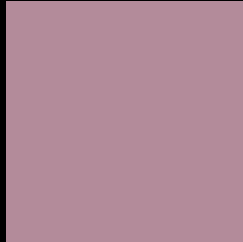
Large Text (above 18pt) WCAG AA × Fail

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 33.6558, 30.3820, 34.6623 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 33.6558, 30.3820, 34.6623

Background



This preview shows how black text looks on a background with the XYZ color 33.6558, 30.3820, 34.6623.



This preview shows how white text looks on a background with the XYZ color 33.6558, 30.3820,

34.6623.

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

33.6558, 30.3820, 34.6623

Protanopia

29.6703, 30.5170, 37.5843

Deuteranopia

30.9794, 30.3372, 34.3599



Tritanopia

33.4735, 30.5419, 32.9851

Trichromacy



Original Color

33.6558, 30.3820, 34.6623

Protanomaly

30.9949, 30.2965, 36.5620

Deuteranomaly

31.9344, 30.3798, 34.3178

Tritanomaly

33.5544, 30.5742, 33.4111

Monochromacy



Original Color

33.6558, 30.3820, 34.6623

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.2400, 31.1611, 34.5052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6558, 30.3820, 34.6623 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, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 139, 154)  
}
```

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, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 139, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.6558, 30.3820, 34.6623 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, 139, 154) }
```


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

```
.border{ border-color:rgb(179, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 139,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6558, 30.3820, 34.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 139, 154) }
```

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

```
.background{ background-color: rgb(179,  
139, 154) }
```

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