

Converting Colors

XYZ(33.5344, 30.0763, 35.9361)

Have a look what the booklet for
XYZ(33.5344, 30.0763, 35.9361)
contains.

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Color

**XYZ(33.5344, 30.0763,
35.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	B28A9D
RGB	178, 138, 157
RGB Percent	70%, 54%, 62%
CMY	0.3020, 0.4588, 0.3843
CMYK	0.00, 0.22, 0.12, 0.30
HSL	332°, 21%, 62%
HSV	332°, 22%, 70%
XYZ	33.5344, 30.0763, 35.9361
YIQ	152.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

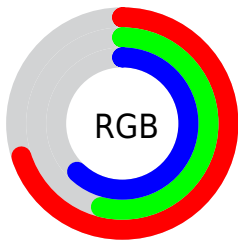
Format	Color
R_{YB}	178, 138, 157
Decimal	11700893
CIE _{Lab}	61.72, 18.31, -4.21
CIE _{LCh}	62, 18.787, 347.037
Yxy	30.0763, 0.3369, 0.3021
Android (android.graphics.Color)	4289890973 (0xFFB28A9D)
YUV	152.1260, 2.4029, 22.6915
Hunter-Lab	54.8419, 13.1749, -0.4615

Details

The XYZ color **33.5344, 30.0763, 35.9361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6609, 39.7481, 38.7536**, and the grayscale version is **29.8847, 31.4411, 34.2393**.

A 20% lighter version of the original color is **64.6650, 59.9452, 70.4497**, and **14.5487, 12.3800, 15.2585** is the 20% darker color. If you saturate the color by 10%, you get **30.4194, 25.0744, 31.1106**, and if you desaturate by 10%, it is **37.1308, 35.9424, 41.2239**.

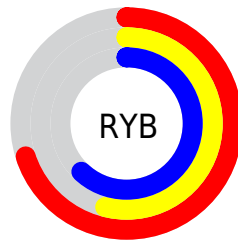
Distribution



Red (70%)

Green (54%)

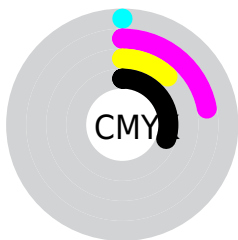
Blue (62%)



Red (70%)

Yellow (54%)

Blue (62%)

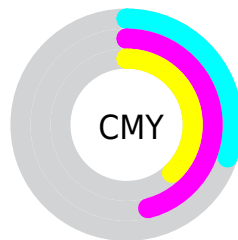


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5344, 30.0763, 35.9361 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 33.5344, 30.0763, 35.9361 by changing the saturation by 10% instead.

■ 33.5344, 30.0763,
35.9361

■ 33.5344, 30.0763,
35.9361

309.6735,
302.2599, 343.7101

■ 22.6973, 19.8965,
24.0955

■ 64.5581, 59.7828,
70.1014

■ 14.4896, 12.3198,
15.1917

■ 85.4754, 80.0783,
93.2631

■ 8.5460, 6.9619,
8.8059

■ 110.4835,
104.5146, 121.0358

■ 4.5010, 3.4383,
4.5197

139.9478,
133.4759, 153.8377

■ 1.9893, 1.3646,
1.9146

174.2336,
167.3467, 192.0876

■ 0.6279, 0.1904,
0.5020

213.7062,

■ 0.0000, 0.0000,

206.5114, 236.2040

0.0000

258.7311,
251.3543, 286.6053

■ 33.5344, 30.0763,
35.9361

■ 33.5344, 30.0763,
35.9361

■ 30.4194, 25.0744,
31.1106

■ 37.1308, 35.9424,
41.2239

■ 27.7613, 20.8914,
26.7315

■ 41.2261, 42.7070,
46.9854

■ 25.5377, 17.4839,
22.7848

■ 45.8405, 50.4078,
53.2339

■ 23.7228, 14.8029,
19.2547

■ 50.9918, 59.0789,
59.9813

■ 22.2880, 12.7937,
16.1242

■ 56.6974, 68.7526,
67.2395

■ 21.2009, 11.3939,
13.3746

■ 62.9736, 79.4599,
75.0196

■ 20.4229, 10.5287,
10.9850

■ 67.3617, 86.2816,
82.5078

■ 19.9818, 10.1137,
9.3982

■ 68.6528, 86.7981,
89.3064

■ 70.0144, 87.3427,
96.4768

Harmonies

Analogous

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



32.2526, 30.0763, 43.0611



33.5344, 30.0763, 35.9361



33.4361, 30.0763, 28.8759

Triad

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



33.5344, 30.0763, 35.9361



27.2005, 30.0763, 21.2648



25.4325, 30.0763, 43.8973

Complementary

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



33.5344, 30.0763, 35.9361



32.6609, 39.7481, 38.7536

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.



24.2303, 30.0763, 36.9516



33.5344, 30.0763, 35.9361



25.2095, 30.0763, 24.2289

Square

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



33.5344, 30.0763, 35.9361



29.6792, 30.0763, 21.0754



24.1511, 30.0763, 29.7542



27.5212, 30.0763, 48.0886

Rectangle

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



33.5344, 30.0763, 35.9361



32.6003, 30.0763, 25.1324



24.1511, 30.0763, 29.7542



24.9167, 30.0763, 41.7649

Sweetspot

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



33.5353, 30.0777, 35.9367



71.1910, 71.5327, 80.2362



31.3576, 28.7298, 46.0126



15.6756, 15.6883, 17.6403



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.



33.5353, 30.0777, 35.9367



57.8835, 49.8185, 60.6918



32.1331, 29.6703, 28.0798



8.6588, 8.5702, 9.7016



14.3285, 7.2489, 6.8897



0.4804, 0.2399, 0.3724

Inverse Universe

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



33.5353, 30.0777, 35.9367



57.8835, 49.8185, 60.6918



34.3062, 40.1945, 48.0701



8.6588, 8.5702, 9.7016



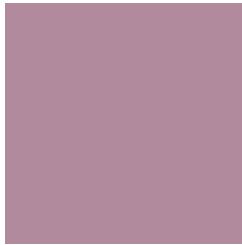
14.3285, 7.2489, 6.8897



0.4804, 0.2399, 0.3724

Previews

White Background



This preview shows how the XYZ color 33.5344, 30.0763, 35.9361 looks on a white background.

Color Contrast Check

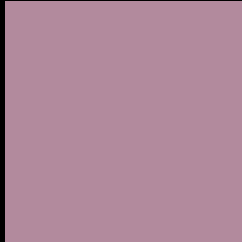
Large Text (above 18pt) WCAG AA × Fail

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 33.5344, 30.0763, 35.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

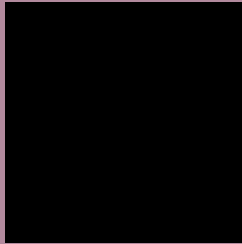
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5344, 30.0763, 35.9361

Background



This preview shows how black text looks on a background with the XYZ color 33.5344, 30.0763, 35.9361.



This preview shows how white text looks on a background with the XYZ color 33.5344, 30.0763,

35.9361.

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

33.5344, 30.0763, 35.9361

Protanopia

29.4135, 30.1201, 38.9138

Deuteranopia

30.8241, 30.2282, 35.6625



Tritanopia

32.8691, 30.0144, 32.9151

Trichromacy



Original Color

33.5344, 30.0763, 35.9361

Protanomaly

30.7044, 29.8907, 37.8694

Deuteranomaly

31.6101, 29.9618, 35.5697

Tritanomaly

33.1139, 30.1123, 34.2039

Monochromacy



Original Color

33.5344, 30.0763, 35.9361

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.9644, 30.7776, 34.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5344, 30.0763, 35.9361 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(178, 138, 157)` looks like.

```
.text, #text, p{  
    color:rgb(178, 138, 157)  
}
```

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(178, 138, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 138, 157) }
```

Border

The CSS property to change the border of an element to XYZ 33.5344, 30.0763, 35.9361 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(178, 138, 157) }
```


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

```
.border{ border-color:rgb(178, 138, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 138, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 138, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 138, 157);  
box-shadow:4px 4px 4px 4px rgb(178, 138,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5344, 30.0763, 35.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 138, 157) }
```

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

```
.background{ background-color: rgb(178,  
138, 157) }
```

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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