

Converting Colors

XYZ(33.1770, 30.1221, 35.5984)

Have a look what the booklet for
XYZ(33.1770, 30.1221, 35.5984)
contains.

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Color

**XYZ(33.1379, 30.0956,
35.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	B08B9C
RGB	176, 139, 156
RGB Percent	69%, 55%, 61%
CMY	0.3098, 0.4549, 0.3882
CMYK	0.00, 0.21, 0.11, 0.31
HSL	332°, 19%, 62%
HSV	332°, 21%, 69%
XYZ	33.1379, 30.0956, 35.5150
YIQ	152.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

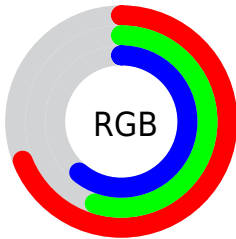
Format	Color
R_{YB}	176, 139, 156
Decimal	11570076
CIE _{Lab}	61.74, 16.84, -3.64
CIE _{LCh}	62, 17.229, 347.790
Yxy	30.0956, 0.3356, 0.3048
Android (android.graphics.Color)	4289760156 (0xFFB08B9C)
YUV	152.0010, 1.9715, 21.0471
Hunter-Lab	54.8595, 11.8190, 0.0184

Details

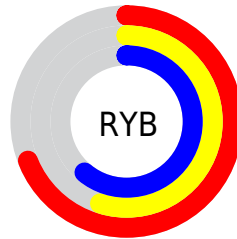
The XYZ color **33.1379, 30.0956, 35.5150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4320, 39.0437, 38.6295**, and the grayscale version is **29.8329, 31.3865, 34.1799**.

A 20% lighter version of the original color is **63.9815, 59.9489, 69.1719**, and **14.2906, 12.3756, 15.0001** is the 20% darker color. If you saturate the color by 10%, you get **30.0175, 25.0938, 30.6545**, and if you desaturate by 10%, it is **36.7334, 35.9458, 40.8459**.

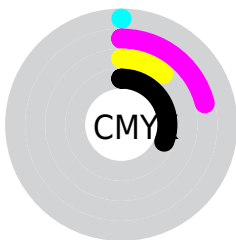
Distribution



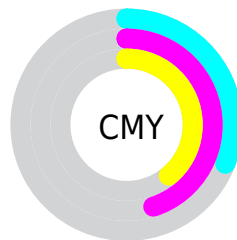
- Red (69%)
- Green (55%)
- Blue (61%)



- Red (69%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (31%)





- Cyan (31%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1379, 30.0956, 35.5150 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 33.1379, 30.0956, 35.5150 by changing the saturation by 10% instead.


 33.1379, 30.0956,
35.5150


 33.1379, 30.0956,
35.5150

307.9247,
302.3498, 341.8088

 22.3918, 19.9112,
23.7731


 63.9440, 59.8133,
69.4434

 14.2633, 12.3305,
14.9548


 84.7348, 80.1154,
92.4670

 8.3870, 6.9692,
8.6414


 109.6045,
104.5588, 120.0883

 4.3974, 3.4428,
4.4144

138.9185,
133.5280, 152.7259

 1.9293, 1.3671,
1.8553

173.0422,
167.4073, 190.7981

 0.5938, 0.1923,
0.4641

212.3408,

 0.0000, 0.0000,

206.5811, 234.7237

0.0000

257.1799,
251.4338, 284.9210

■ 33.1379, 30.0956,
35.5150

■ 33.1379, 30.0956,
35.5150

■ 30.0175, 25.0938,
30.6545

■ 36.7334, 35.9458,
40.8459

■ 27.3487, 20.8967,
26.2486

■ 40.8210, 42.6776,
46.6588

■ 25.1095, 17.4627,
22.2827

■ 45.4203, 50.3272,
52.9672

■ 23.2752, 14.7445,
18.7412

■ 50.5487, 58.9275,
59.7833

■ 21.8184, 12.6901,
15.6069

■ 56.2229, 68.5100,
67.1189

■ 20.7079, 11.2397,
12.8611

■ 62.4589, 79.1046,
74.9855

■ 19.9072, 10.3230,
10.4830

■ 66.9303, 86.0565,
82.6135

■ 19.3846, 9.8222,
8.6308

■ 68.2467, 86.5830,
89.5453

■ 69.6362, 87.1388,
96.8626

Harmonies

Analogous

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



31.9992, 30.0956, 42.0134



33.1379, 30.0956, 35.5150



33.0154, 30.0956, 29.0578

Triad

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



33.1379, 30.0956, 35.5150



27.2779, 30.0956, 22.1491



25.7417, 30.0956, 43.0483

Complementary

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



33.1379, 30.0956, 35.5150



32.4320, 39.0437, 38.6295

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.



24.6059, 30.0956, 36.7834



33.1379, 30.0956, 35.5150



25.4597, 30.0956, 24.9910

Square

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



33.1379, 30.0956, 35.5150



29.5484, 30.0956, 21.9048



24.5055, 30.0956, 30.1683



27.6819, 30.0956, 46.7366

Rectangle

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



33.1379, 30.0956, 35.5150



32.2355, 30.0956, 25.6195



24.5055, 30.0956, 30.1683



25.2578, 30.0956, 41.1383

Sweetspot

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



33.1388, 30.0969, 35.5156



70.1520, 70.9908, 79.1519



31.3155, 28.9450, 45.0113



15.1024, 15.2192, 17.0101



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.1388, 30.0969, 35.5156



57.4982, 50.3926, 60.4155



31.9780, 29.9200, 28.5173



8.6533, 8.5680, 9.6728



14.2516, 7.2182, 6.4847



0.4780, 0.2389, 0.3597

Inverse Universe

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



33.1388, 30.0969, 35.5156



57.4982, 50.3926, 60.4155



33.7695, 39.1936, 46.8601



8.6533, 8.5680, 9.6728



14.2516, 7.2182, 6.4847



0.4780, 0.2389, 0.3597

Previews

White Background



This preview shows how the XYZ color 33.1379, 30.0956, 35.5150 looks on a white background.

Color Contrast Check

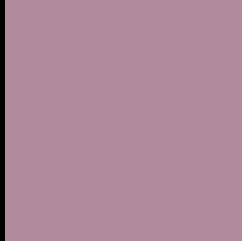
Large Text (above 18pt) WCAG AA × Fail

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 33.1379, 30.0956, 35.5150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

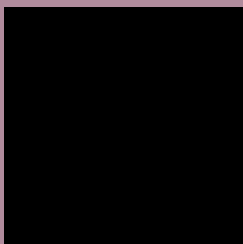
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1379, 30.0956, 35.5150

Background



This preview shows how black text looks on a background with the XYZ color 33.1379, 30.0956, 35.5150.



This preview shows how white text looks on a background with the XYZ color 33.1379, 30.0956,

35.5150.

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

33.1379, 30.0956, 35.5150

Protanopia

29.3242, 30.0843, 38.4437

Deuteranopia

30.7397, 30.1944, 35.2183



Tritanopia

32.6432, 30.1045, 33.3684

Trichromacy



Original Color

33.1379, 30.0956, 35.5150

Protanomaly

30.5711, 30.0580, 37.4482

Deuteranomaly

31.4647, 30.1185, 35.1654

Tritanomaly

32.8070, 30.1700, 34.2313

Monochromacy



Original Color

33.1379, 30.0956, 35.5150

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8814, 30.7444, 34.4436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1379, 30.0956, 35.5150 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(176, 139, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 156)  
}
```

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(176, 139, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 156) }
```

Border

The CSS property to change the border of an element to XYZ 33.1379, 30.0956, 35.5150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

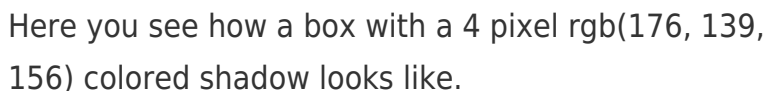
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 139, 156) }
```


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

```
.border{ border-color:rgb(176, 139, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 139, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 139, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 139, 156); box-shadow:4px 4px 4px 4px rgb(176, 139, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1379, 30.0956, 35.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 156) }
```

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

```
.background{ background-color: rgb(176,  
139, 156) }
```

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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