

Converting Colors

XYZ(33.0457, 29.6345, 37.7456)

Have a look what the booklet for
XYZ(33.0457, 29.6345, 37.7456)
contains.

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Color

**XYZ(33.0579, 29.5785,
37.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	AF89A1
RGB	175, 137, 161
RGB Percent	69%, 54%, 63%
CMY	0.3137, 0.4627, 0.3686
CMYK	0.00, 0.22, 0.08, 0.31
HSL	322°, 19%, 61%
HSV	322°, 22%, 69%
XYZ	33.0579, 29.5785, 37.6851
YIQ	151.0980, 14.9440, 15.5200

Conversions

Conversions Part 2

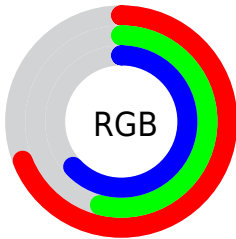
Format	Color
R_{YB}	175, 137, 161
Decimal	11504033
CIE _{Lab}	61.29, 18.49, -7.16
CIE _{LCh}	61, 19.825, 338.814
Yxy	29.5785, 0.3295, 0.2948
Android (android.graphics.Color)	4289694113 (0xFFAF89A1)
YUV	151.0980, 4.8817, 20.9621
Hunter-Lab	54.3861, 13.3232, -3.0128

Details

The XYZ color **33.0579, 29.5785, 37.6851** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2336, 38.2135, 35.0097**, and the grayscale version is **29.4334, 30.9662, 33.7222**.

A 20% lighter version of the original color is **63.9805, 59.2084, 73.0220**, and **14.1946, 12.0581, 16.0473** is the 20% darker color. If you saturate the color by 10%, you get **30.2153, 24.7796, 34.0043**, and if you desaturate by 10%, it is **36.3351, 35.1987, 41.6561**.

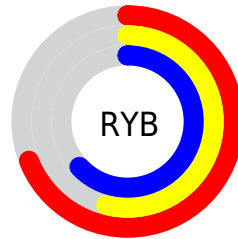
Distribution



Red (69%)

Green (54%)

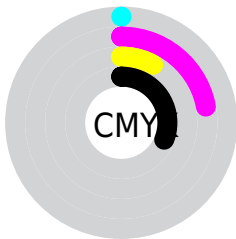
Blue (63%)



Red (69%)

Yellow (54%)

Blue (63%)

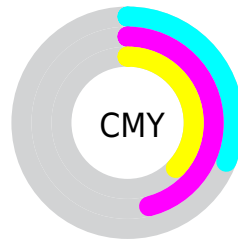


Cyan (0%)

Magenta (22%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (46%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0579, 29.5785, 37.6851 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 33.0579, 29.5785, 37.6851 by changing the saturation by 10% instead.


 33.0579, 29.5785,
37.6851


 33.0579, 29.5785,
37.6851


307.5709,
299.9348, 351.5248


 22.3303, 19.5189,
25.4384


 63.8200, 58.9950,
72.8233

 14.2177, 12.0458,
16.1820


 84.5851, 79.1206,
96.5519

 8.3550, 6.7749,
9.4973


 109.4268,
103.3703, 124.9449

 4.3766, 3.3217,
4.9657

138.7104,
132.1286, 158.4208

 1.9173, 1.3019,
2.1688

172.8013,
165.7798, 197.3983

 0.5869, 0.1427,
0.6563

212.0647,

 0.0000, 0.0000,

204.7083, 242.2957

0.0000

256.8662,
249.2985, 293.5317

■ 33.0579, 29.5785,
37.6851

■ 33.0579, 29.5785,
37.6851

■ 30.2153, 24.7796,
34.0043

■ 36.3351, 35.1987,
41.6561

■ 27.7848, 20.7590,
30.6030

■ 40.0627, 41.6727,
45.9238

■ 25.7458, 17.4759,
27.4726

■ 44.2591, 49.0360,
50.4966

■ 24.0747, 14.8840,
24.6029

■ 48.9408, 57.3209,
55.3821

■ 22.7455, 12.9317,
21.9830

■ 54.1234, 66.5581,
60.5874

■ 21.7283, 11.5602,
19.6004

■ 59.8219, 76.7767,
66.1195

■ 20.9879, 10.6997,
17.4410

■ 64.5966, 85.0969,
71.5004

■ 20.5224, 10.2512,
15.7981

■ 65.3970, 85.4171,
75.7151

■ 66.2299, 85.7503,
80.1011

Harmonies

Analogous

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



31.3783, 29.5785, 44.7549



33.0579, 29.5785, 37.6851



33.3708, 29.5785, 30.0531

Triad

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



33.0579, 29.5785, 37.6851



27.3514, 29.5785, 19.9873



24.3812, 29.5785, 42.0822

Complementary

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



33.0579, 29.5785, 37.6851



31.2336, 38.2135, 35.0097

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.



23.4396, 29.5785, 34.4592



33.0579, 29.5785, 37.6851



25.0834, 29.5785, 22.2538

Square

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



33.0579, 29.5785, 37.6851



29.9667, 29.5785, 20.5763



23.6884, 29.5785, 27.2854



26.3383, 29.5785, 47.5542

Rectangle

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



33.0579, 29.5785, 37.6851



32.7445, 29.5785, 25.7628



23.6884, 29.5785, 27.2854



23.9411, 29.5785, 39.6427

Sweetspot

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



33.0588, 29.5798, 37.6857



68.0368, 68.1685, 78.0460



29.4349, 27.5609, 44.3263



15.0368, 15.0034, 17.2487



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.



33.0588, 29.5798, 37.6857



56.6996, 48.7248, 64.3062



31.5134, 28.9617, 29.5481



8.2100, 8.0972, 9.4165



14.7269, 7.3533, 11.4735



0.4349, 0.2146, 0.4518

Inverse Universe

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



33.0588, 29.5798, 37.6857



56.6996, 48.7248, 64.3062



32.8969, 38.8788, 43.7684



8.2100, 8.0972, 9.4165



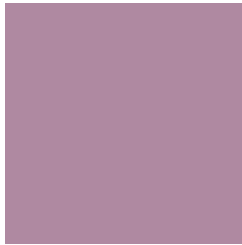
14.7269, 7.3533, 11.4735



0.4349, 0.2146, 0.4518

Previews

White Background



This preview shows how the XYZ color 33.0579, 29.5785, 37.6851 looks on a white background.

Color Contrast Check

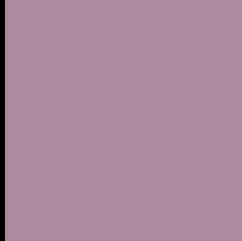
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0579, 29.5785, 37.6851 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 × Fail

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

XYZ 33.0579, 29.5785, 37.6851

Background



This preview shows how black text looks on a background with the XYZ color 33.0579, 29.5785, 37.6851.



This preview shows how white text looks on a background with the XYZ color 33.0579, 29.5785,

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

33.0579, 29.5785, 37.6851

Protanopia

29.0858, 29.6772, 40.7545

Deuteranopia

30.2230, 29.6527, 37.3883



Tritanopia

32.1932, 29.6659, 32.8835

Trichromacy



Original Color

33.0579, 29.5785, 37.6851

Protanomaly

30.3243, 29.4295, 39.6795

Deuteranomaly

31.1799, 29.4803, 37.3046

Tritanomaly

32.3768, 29.5087, 34.5612

Monochromacy



Original Color

33.0579, 29.5785, 37.6851

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6925, 30.3979, 35.2601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0579, 29.5785, 37.6851 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(175, 137, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 137, 161)  
}
```

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(175, 137, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 137, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.0579, 29.5785, 37.6851 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(175, 137, 161) }
```


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

```
.border{ border-color:rgb(175, 137, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 137, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 137, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 137, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 137,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0579, 29.5785, 37.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 137, 161) }
```

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

```
.background{ background-color: rgb(175,  
137, 161) }
```

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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