

Converting Colors

XYZ(30.8074, 27.6577, 30.7151)

Have a look what the booklet for
XYZ(30.8074, 27.6577, 30.7151)
contains.

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Color

**XYZ(30.8094, 27.7346,
30.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8592
RGB	173, 133, 146
RGB Percent	68%, 52%, 57%
CMY	0.3216, 0.4784, 0.4274
CMYK	0.00, 0.23, 0.16, 0.32
HSL	341°, 20%, 60%
HSV	341°, 23%, 68%
XYZ	30.8094, 27.7346, 30.9236
YIQ	146.4420, 19.6670, 12.5230

Conversions

Conversions Part 2

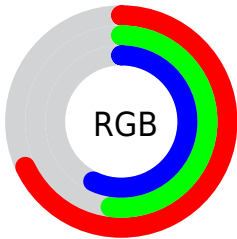
Format	Color
R_{YB}	173, 133, 146
Decimal	11371922
CIE _{Lab}	59.65, 17.40, -1.04
CIE _{LCh}	60, 17.428, 356.592
Yxy	27.7346, 0.3444, 0.3100
Android (android.graphics.Color)	4289562002 (0xFFAD8592)
YUV	146.4420, -0.2179, 23.2914
Hunter-Lab	52.6636, 12.2651, 2.0500

Details

The XYZ color **30.8094, 27.7346, 30.9236** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9627, 37.4124, 38.8489**, and the grayscale version is **27.4989, 28.9310, 31.5058**.

A 20% lighter version of the original color is **60.2973, 55.9460, 62.2642**, and **12.9503, 11.0241, 12.5116** is the 20% darker color. If you saturate the color by 10%, you get **27.7707, 23.0372, 25.6553**, and if you desaturate by 10%, it is **34.3326, 33.2518, 36.8119**.

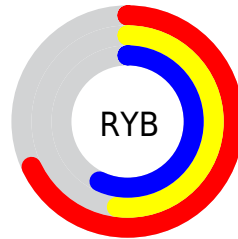
Distribution



Red (68%)

Green (52%)

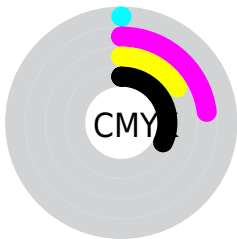
Blue (57%)



Red (68%)

Yellow (52%)

Blue (57%)

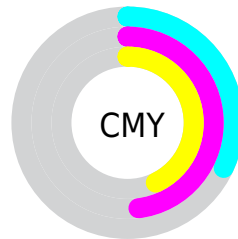


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8094, 27.7346, 30.9236 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 30.8094, 27.7346, 30.9236 by changing the saturation by 10% instead.

■ 30.8094, 27.7346,
30.9236

■ 30.8094, 27.7346,
30.9236

297.5018,
291.1966, 320.5265

■ 20.6049, 18.1257,
20.2827

■ 60.3178, 56.0604,
62.1979

■ 12.9463, 11.0403,
12.4146

■ 80.3523, 75.5462,
83.6685

■ 7.4683, 6.0939,
6.9007

■ 104.3942, 99.0929,
109.5859

■ 3.8056, 2.9023,
3.3226

132.8088,
127.0852, 140.3689

■ 1.5927, 1.0809,
1.2616

165.9616,
159.9073, 176.4359

■ 0.3877, 0.0000,
0.0300

204.2177,

■ 0.0000, 0.0000,

197.9436, 218.2055

0.0000

247.9427,
241.5786, 266.0961

■ 30.8094, 27.7346,
30.9236

■ 30.8094, 27.7346,
30.9236

■ 27.7707, 23.0372,
25.6553

■ 34.3326, 33.2518,
36.8119

■ 25.1922, 19.1166,
20.9844

■ 38.3585, 39.6217,
43.3385

■ 23.0512, 15.9316,
16.8891


■ 42.9069, 46.8799,
50.5229


■ 21.3219, 13.4354,
13.3460

■ 47.9961, 55.0589,
58.3831

■ 19.9758, 11.5760,
10.3293

■ 53.6434, 64.1895,
66.9368

 18.9802, 10.2939,
7.8113


 59.8653, 74.3011,
76.2006

 18.2966, 9.5180,
5.7609

 66.6776, 85.4219,
86.1908

 17.9528, 9.1719,
4.5933

 68.6371, 86.6617,
95.1035

 70.4232, 87.3761,
104.5088

Harmonies

Analogous

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



30.0491, 27.7346, 37.3658



30.8094, 27.7346, 30.9236



30.3241, 27.7346, 25.0971

Triad

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



30.8094, 27.7346, 30.9236



24.5137, 27.7346, 20.6153



24.1014, 27.7346, 41.4726

Complementary

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



30.8094, 27.7346, 30.9236



30.9627, 37.4124, 38.8489

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.



22.7590, 27.7346, 35.9476



30.8094, 27.7346, 30.9236



22.9875, 27.7346, 24.0114

Square

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



30.8094, 27.7346, 30.9236



26.6130, 27.7346, 19.6545



22.3627, 27.7346, 29.4844



26.1104, 27.7346, 43.9657

Rectangle

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



30.8094, 27.7346, 30.9236



29.3735, 27.7346, 22.2300



22.3627, 27.7346, 29.4844



23.5616, 27.7346, 39.8739

Sweetspot

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



30.8102, 27.7359, 30.9242



65.7012, 66.2059, 72.7982



30.3620, 27.2328, 43.1917



14.1890, 14.2465, 15.6761



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.8102, 27.7359, 30.9242



52.1509, 44.9768, 50.1806



30.7976, 29.2378, 26.2121



8.1085, 8.0567, 8.8823



13.2127, 6.7476, 3.4994



0.3931, 0.1979, 0.2316

Inverse Universe

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



30.8102, 27.7359, 30.9242



52.1509, 44.9768, 50.1806



30.9135, 35.3983, 44.7387



8.1085, 8.0567, 8.8823



13.2127, 6.7476, 3.4994



0.3931, 0.1979, 0.2316

Previews

White Background



This preview shows how the XYZ color 30.8094, 27.7346, 30.9236 looks on a white background.

Color Contrast Check

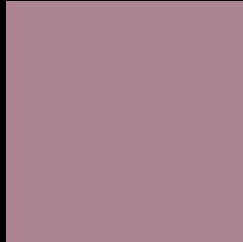
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8094, 27.7346, 30.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

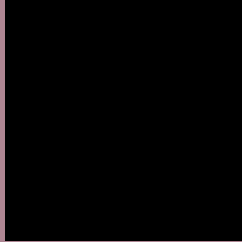
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8094, 27.7346, 30.9236

Background



This preview shows how black text looks on a background with the XYZ color 30.8094, 27.7346, 30.9236.



This preview shows how white text looks on a background with the XYZ color 30.8094, 27.7346,

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

30.8094, 27.7346, 30.9236

Protanopia

26.9916, 27.8412, 33.6570

Deuteranopia

28.2481, 27.6777, 30.6416



Tritanopia

30.6552, 27.6729, 30.1113

Trichromacy



Original Color

30.8094, 27.7346, 30.9236

Protanomaly

28.2552, 27.6358, 32.6992

Deuteranomaly

29.1608, 27.7222, 30.6020

Tritanomaly

30.7319, 27.7036, 30.5156

Monochromacy



Original Color

30.8094, 27.7346, 30.9236

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4235, 28.1930, 31.1378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8094, 27.7346, 30.9236 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(173, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 146)  
}
```

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(173, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.8094, 27.7346, 30.9236 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(173, 133, 146) }
```


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

```
.border{ border-color:rgb(173, 133, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8094, 27.7346, 30.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 146) }
```

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

```
.background{ background-color: rgb(173,  
133, 146) }
```

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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