

Converting Colors

XYZ(32.9083, 30.9456, 34.1035)

Have a look what the booklet for
XYZ(32.9083, 30.9456, 34.1035)
contains.

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Color

**XYZ(32.9455, 30.9106,
33.9357)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8F98
RGB	174, 143, 152
RGB Percent	68%, 56%, 60%
CMY	0.3176, 0.4392, 0.4039
CMYK	0.00, 0.18, 0.13, 0.32
HSL	343°, 16%, 62%
HSV	343°, 18%, 68%
XYZ	32.9455, 30.9106, 33.9357
YIQ	153.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

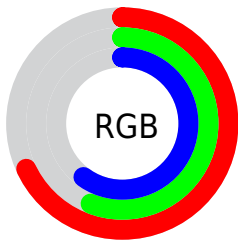
Format	Color
RYB	174, 143, 152
Decimal	11440024
CIELab	62.43, 13.16, -0.37
CIELCh	62, 13.164, 358.376
Yxy	30.9106, 0.3369, 0.3161
Android (android.graphics.Color)	4289630104 (0xFFAE8F98)
YUV	153.2950, -0.6384, 18.1583
Hunter-Lab	55.5973, 8.4791, 2.7284

Details

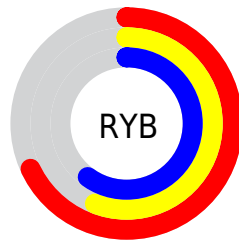
The XYZ color **32.9455, 30.9106, 33.9357** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2565, 38.8291, 41.3411**, and the grayscale version is **30.4054, 31.9889, 34.8359**.

A 20% lighter version of the original color is **63.7400, 61.2117, 66.8481**, and **14.1485, 12.8332, 14.0433** is the 20% darker color. If you saturate the color by 10%, you get **29.5740, 25.7026, 28.0788**, and if you desaturate by 10%, it is **36.8293, 36.9738, 40.4838**.

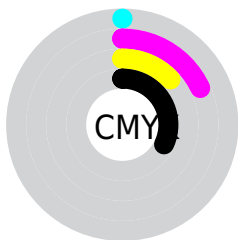
Distribution



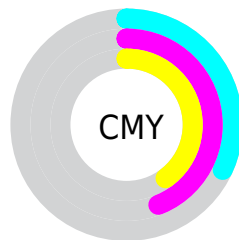
- Red (68%)
- Green (56%)
- Blue (60%)



- Red (68%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (32%)





- Cyan (32%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9455, 30.9106, 33.9357 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 32.9455, 30.9106, 33.9357 by changing the saturation by 10% instead.


 32.9455, 30.9106,
33.9357


 32.9455, 30.9106,
33.9357


307.0734,
306.1262, 334.6056

 22.2437, 20.5308,
22.5672

 63.6457, 61.0993,
66.9664

 14.1537, 12.7815,
14.0720

 84.3748, 81.6770,
89.4658

 8.3101, 7.2782,
8.0314


109.1771,
106.4227, 116.5125

 4.3475, 3.6367,
4.0270

138.4179,
135.7209, 148.5251

 1.9005, 1.4725,
1.6402

172.4626,
169.9560, 185.9222

 0.5771, 0.2692,
0.3192

211.6765,

 0.0000, 0.0000,

209.5123, 229.1223

0.0000

256.4250,
254.7742, 278.5439

■ 32.9455, 30.9106,
33.9357

■ 32.9455, 30.9106,
33.9357

■ 29.5740, 25.7026,
28.0788

■ 36.8293, 36.9738,
40.4838

■ 26.6903, 21.3072,
22.8879

■ 41.2432, 43.9241,
47.7430

■ 24.2718, 17.6842,
18.3393

■ 46.2074, 51.7969,
55.7350

■ 22.2931, 14.7884,
14.4070

■ 51.7403, 60.6244,
64.4798

■ 20.7263, 12.5700,
11.0632

■ 57.8594, 70.4372,
73.9968

■ 19.5399, 10.9726,
8.2776

■ 64.5814, 81.2645,
84.3046

■ 18.6979, 9.9307,
6.0168

■ 68.7143, 86.7182,
94.3516

■ 18.1443, 9.3402,
4.2393

■ 70.5965, 87.4711,
104.2630

■ 18.0423, 9.2334,
3.9062

■ 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



32.4000, 30.9106, 39.0777



32.9455, 30.9106, 33.9357



32.5039, 30.9106, 29.1979

Triad

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



32.9455, 30.9106, 33.9357



27.7785, 30.9106, 25.7279



27.6165, 30.9106, 42.7388

Complementary

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



32.9455, 30.9106, 33.9357



33.2565, 38.8291, 41.3411

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.



26.4622, 30.9106, 38.5472



32.9455, 30.9106, 33.9357



26.5530, 30.9106, 28.7612

Square

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



32.9455, 30.9106, 33.9357



29.4770, 30.9106, 24.7563



26.0808, 30.9106, 33.3786



29.2824, 30.9106, 44.4685

Rectangle

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



32.9455, 30.9106, 33.9357



31.7187, 30.9106, 26.8307



26.0808, 30.9106, 33.3786



27.1584, 30.9106, 41.5514

Sweetspot

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



32.9464, 30.9120, 33.9364



68.8894, 70.3401, 76.8923



32.9182, 30.6696, 44.2295



15.1928, 15.4474, 16.8938



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.



32.9464, 30.9120, 33.9364



57.4806, 52.5353, 57.6353



33.1936, 32.5414, 30.5199



8.0973, 8.0522, 8.8232



13.1091, 6.7062, 2.9538



0.3887, 0.1962, 0.2087

Inverse Universe

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



32.9464, 30.9120, 33.9364



57.4806, 52.5353, 57.6353



32.9345, 36.8280, 45.4174



8.0973, 8.0522, 8.8232



13.1091, 6.7062, 2.9538



0.3887, 0.1962, 0.2087

Previews

White Background



This preview shows how the XYZ color 32.9455, 30.9106, 33.9357 looks on a white background.

Color Contrast Check

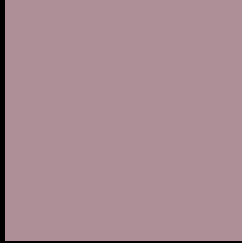
Large Text (above 18pt) WCAG AA × Fail

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 32.9455, 30.9106, 33.9357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

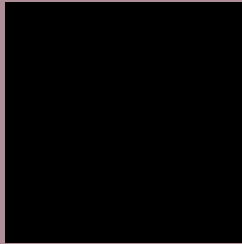
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9455, 30.9106, 33.9357

Background



This preview shows how black text looks on a background with the XYZ color 32.9455, 30.9106, 33.9357.



This preview shows how white text looks on a background with the XYZ color 32.9455, 30.9106,

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

32.9455, 30.9106, 33.9357

Protanopia

29.8560, 30.8884, 35.8410

Deuteranopia

31.3818, 30.7915, 33.5675



Tritanopia

33.1108, 30.9767, 34.8058

Trichromacy



Original Color

32.9455, 30.9106, 33.9357

Protanomaly

30.8473, 30.7076, 35.3117

Deuteranomaly

31.8598, 30.8100, 33.5459

Tritanomaly

33.0278, 30.9435, 34.3689

Monochromacy



Original Color

32.9455, 30.9106, 33.9357

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1952, 31.3719, 34.5482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9455, 30.9106, 33.9357 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(174, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(174, 143, 152)  
}
```

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(174, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 143, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.9455, 30.9106, 33.9357 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(174, 143, 152) }
```


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

```
.border{ border-color:rgb(174, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(174, 143,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9455, 30.9106, 33.9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 143, 152) }
```

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

```
.background{ background-color: rgb(174,  
143, 152) }
```

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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