

Converting Colors

XYZ(30.3589, 27.5288, 29.6999)

Have a look what the booklet for
XYZ(30.3589, 27.5288, 29.6999)
contains.

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Color

**XYZ(30.3587, 27.5289,
29.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	AC858F
RGB	172, 133, 143
RGB Percent	67%, 52%, 56%
CMY	0.3255, 0.4784, 0.4392
CMYK	0.00, 0.23, 0.17, 0.33
HSL	345°, 19%, 60%
HSV	345°, 23%, 67%
XYZ	30.3587, 27.5289, 29.7001
YIQ	145.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

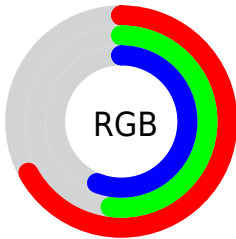
Format	Color
R_{YB}	172, 133, 143
Decimal	11306383
CIE _{Lab}	59.46, 16.52, 0.40
CIE _{LCh}	59, 16.527, 1.380
Yxy	27.5289, 0.3466, 0.3143
Android (android.graphics.Color)	4289496463 (0xFFAC858F)
YUV	145.8010, -1.3809, 22.9765
Hunter-Lab	52.4680, 11.4636, 3.1658

Details

The XYZ color **30.3587, 27.5289, 29.7001** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9481, 37.1009, 39.7143**, and the grayscale version is **27.2405, 28.6591, 31.2098**.

A 20% lighter version of the original color is **59.6319, 55.6430, 60.4206**, and **12.6768, 10.8988, 11.7915** is the 20% darker color. If you saturate the color by 10%, you get **27.2796, 22.8338, 24.1626**, and if you desaturate by 10%, it is **33.9355, 33.0419, 35.9492**.

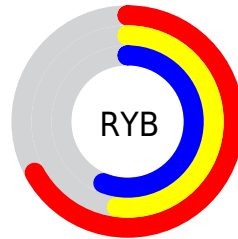
Distribution



Red (67%)

Green (52%)

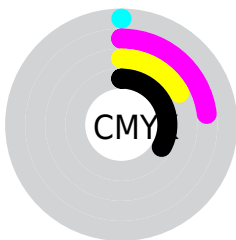
Blue (56%)



Red (67%)

Yellow (52%)

Blue (56%)

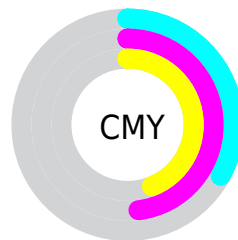


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (33%)



Cyan (33%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3587, 27.5289, 29.7001 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 30.3587, 27.5289, 29.7001 by changing the saturation by 10% instead.


 30.3587, 27.5289,
29.7001


 30.3587, 27.5289,
29.7001


295.4528,
290.2089, 314.6677


 20.2604, 17.9708,
19.3609


 59.6117, 55.7314,
60.2430

 12.6939, 10.9291,
11.7519


 79.4972, 75.1447,
81.2838

 7.2936, 6.0191,
6.4545


 103.3758, 98.6118,
106.7289

 3.6944, 2.8567,
3.0501

131.6128,
126.5171, 136.9968

 1.5307, 1.0574,
1.1203

164.5737,
159.2451, 172.5061

 0.3466, 0.0000,
0.0000

202.6237,

 0.0000, 0.0000,

197.1802, 213.6753

0.0000

246.1283,
240.7066, 260.9230

■ 30.3587, 27.5289,
29.7001

■ 30.3587, 27.5289,
29.7001

■ 27.2796, 22.8338,
24.1626

■ 33.9355, 33.0419,
35.9492

■ 24.6734, 18.9138,
19.3094

■ 38.0286, 39.4055,
42.9327

■ 22.5166, 15.7281,
15.1137


■ 42.6586, 46.6549,
50.6742


■ 20.7830, 13.2304,
11.5463

■ 47.8441, 54.8225,
59.1959


■ 19.4430, 11.3693,
8.5757


■ 53.6031, 63.9389,
68.5191


 18.4636, 10.0857,
6.1675


 59.9524, 74.0334,
78.6640

 17.8056, 9.3099,
4.2830

 66.9084, 85.1338,
89.6505

 17.4697, 8.9532,
3.1993

 69.3049, 86.9033,
99.7701

 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



29.8250, 27.5289, 35.7855



30.3587, 27.5289, 29.7001



29.7204, 27.5289, 24.4111

Triad

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



30.3587, 27.5289, 29.7001



24.1430, 27.5289, 21.2417



24.3010, 27.5289, 41.1610

Complementary

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



30.3587, 27.5289, 29.7001



30.9481, 37.1009, 39.7143

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.



22.9059, 27.5289, 36.3243



30.3587, 27.5289, 29.7001



22.8181, 27.5289, 24.8289

Square

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



30.3587, 27.5289, 29.7001



26.0695, 27.5289, 19.9436



22.3772, 27.5289, 30.2502



26.2615, 27.5289, 42.9053

Rectangle

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



30.3587, 27.5289, 29.7001



28.7346, 27.5289, 21.9062



22.3772, 27.5289, 30.2502



23.7541, 27.5289, 39.8139

Sweetspot

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



30.3595, 27.5302, 29.7007



65.5641, 66.1510, 72.0766



30.6540, 27.3945, 42.7020



14.1570, 14.2337, 15.5077



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.



30.3595, 27.5302, 29.7007



52.2779, 45.6636, 48.8888



30.9357, 29.8411, 26.3213



8.0864, 8.0478, 8.7656



13.0197, 6.6704, 2.4834



0.3844, 0.1945, 0.1862

Inverse Universe

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



30.3595, 27.5302, 29.7007



52.2779, 45.6636, 48.8888



30.1997, 34.1248, 44.0250



8.0864, 8.0478, 8.7656



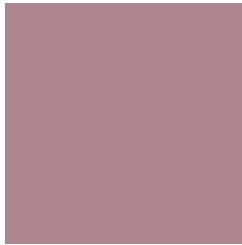
13.0197, 6.6704, 2.4834



0.3844, 0.1945, 0.1862

Previews

White Background



This preview shows how the XYZ color 30.3587, 27.5289, 29.7001 looks on a white background.

Color Contrast Check

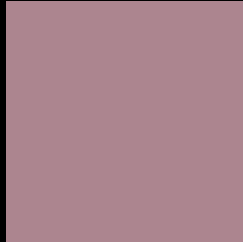
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3587, 27.5289, 29.7001 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 30.3587, 27.5289, 29.7001

Background



This preview shows how black text looks on a background with the XYZ color 30.3587, 27.5289, 29.7001.



This preview shows how white text looks on a background with the XYZ color 30.3587, 27.5289,

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

30.3587, 27.5289, 29.7001

Protanopia

26.7489, 27.7441, 32.3791

Deuteranopia

28.2157, 27.6873, 29.4482



Tritanopia

30.3587, 27.5289, 29.7001

Trichromacy



Original Color

30.3587, 27.5289, 29.7001

Protanomaly

27.8255, 27.4418, 31.4340

Deuteranomaly

28.9324, 27.6308, 29.3996

Tritanomaly

30.3587, 27.5289, 29.7001

Monochromacy



Original Color

30.3587, 27.5289, 29.7001

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1533, 28.0626, 30.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3587, 27.5289, 29.7001 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(172, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(172, 133, 143)  
}
```

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(172, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 133, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.3587, 27.5289, 29.7001 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(172, 133, 143) }
```


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

```
.border{ border-color:rgb(172, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(172, 133,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3587, 27.5289, 29.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 133, 143) }
```

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

```
.background{ background-color: rgb(172,  
133, 143) }
```

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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