

Converting Colors

XYZ(36.5869, 30.1305, 28.9327)

Have a look what the booklet for
XYZ(36.5869, 30.1305, 28.9327)
contains.

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Color

**XYZ(36.6098, 30.1677,
29.0927)**

Conversions

Conversions Part 1

Format	Color
Hex	C8828D
RGB	200, 130, 141
RGB Percent	78%, 51%, 55%
CMY	0.2157, 0.4902, 0.4471
CMYK	0.00, 0.35, 0.29, 0.22
HSL	351°, 39%, 65%
HSV	351°, 35%, 78%
XYZ	36.6098, 30.1677, 29.0927
YIQ	152.1840, 38.1890, 18.2610

Conversions

Conversions Part 2

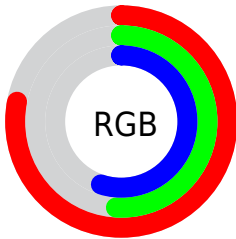
Format	Color
R _Y B	200, 130, 141
Decimal	13140621
CIE Lab	61.80, 28.46, 5.32
CIE LCh	62, 28.949, 10.588
Yxy	30.1677, 0.3819, 0.3147
Android (android.graphics.Color)	4291330701 (0xFFC8828D)
YUV	152.1840, -5.5137, 41.9346
Hunter-Lab	54.9251, 22.8584, 7.0429

Details

The XYZ color **36.6098, 30.1677, 29.0927** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0469, 49.7293, 55.6874**, and the grayscale version is **29.9367, 31.4957, 34.2989**.

A 20% lighter version of the original color is **68.2308, 59.4811, 59.5146**, and **16.2586, 12.4219, 11.4383** is the 20% darker color. If you saturate the color by 10%, you get **33.0431, 24.8912, 22.1791**, and if you desaturate by 10%, it is **40.8861, 36.5575, 37.1856**.

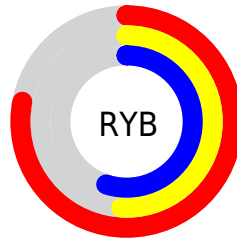
Distribution



Red (78%)

Green (51%)

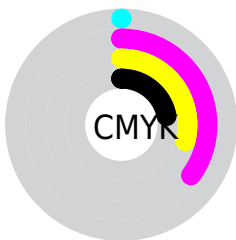
Blue (55%)



Red (78%)

Yellow (51%)

Blue (55%)

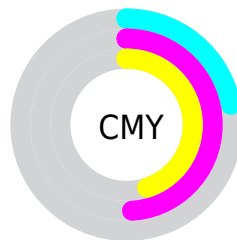


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6098, 30.1677, 29.0927 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 36.6098, 30.1677, 29.0927 by changing the saturation by 10% instead.


 36.6098, 30.1677,
29.0927


 36.6098, 30.1677,
29.0927


323.0030,
302.6854, 311.7267


 25.0778, 19.9659,
18.9048


 69.2900, 59.9273,
59.2683

 16.2641, 12.3703,
11.4254


 91.1689, 80.2539,
80.0930

 9.8032, 6.9964,
6.2360


 117.2275,
104.7242, 105.3004

 5.3300, 3.4598,
2.9180

147.8311,
133.7226, 135.3091

 2.4789, 1.3762,
1.0529

183.3451,
167.6335, 170.5375

 0.8846, 0.1991,
0.0000

224.1348,

 0.0000, 0.0000,

206.8414, 211.4042

0.0000

270.5657,
251.7305, 258.3278

■ 36.6098, 30.1677,
29.0927

■ 36.6098, 30.1677,
29.0927

■ 33.0431, 24.8912,
22.1791

■ 40.8861, 36.5575,
37.1856

■ 30.1450, 20.6601,
16.3875

■ 45.9053, 44.1148,
46.5075

■ 27.8737, 17.4058,
11.6589

■ 51.7015, 52.8956,
57.1078

■ 26.1819, 15.0497,
7.9275

■ 58.3060, 62.9506,
69.0322

■ 25.0152, 13.5007,
5.1205

■ 65.7483, 74.3282,
82.3244

■ 24.3086, 12.6488,
3.1546

■ 74.0563, 87.0738,
97.0262

■ 24.0724, 12.3806,
2.4464

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



36.2629, 30.1677, 40.4349



36.6098, 30.1677, 29.0927



34.6905, 30.1677, 20.8628

Triad

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



36.6098, 30.1677, 29.0927



24.1084, 30.1677, 19.1995



26.2756, 30.1677, 57.2653

Complementary

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



36.6098, 30.1677, 29.0927



39.0469, 49.7293, 55.6874

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.



23.3959, 30.1677, 48.7179



36.6098, 30.1677, 29.0927



22.2246, 30.1677, 26.2741

Square

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



36.6098, 30.1677, 29.0927



27.3306, 30.1677, 16.0638



21.9760, 30.1677, 36.9122



30.0597, 30.1677, 58.5008

Rectangle

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



36.6098, 30.1677, 29.0927



32.4770, 30.1677, 17.5862



21.9760, 30.1677, 36.9122



25.1792, 30.1677, 55.0745

Sweetspot

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



36.6106, 30.1691, 29.0933



84.1782, 83.4879, 89.1483



39.2302, 30.8707, 58.5348



17.7151, 17.4117, 18.5274



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.6106, 30.1691, 29.0933



58.5807, 45.1150, 41.0866



39.2956, 36.7842, 26.1498



10.7007, 10.6637, 11.4071



15.3277, 7.8806, 1.6694



0.7479, 0.3820, 0.1954

Inverse Universe

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



36.6106, 30.1691, 29.0933



58.5807, 45.1150, 41.0866



35.2888, 40.2299, 60.5491



10.7007, 10.6637, 11.4071



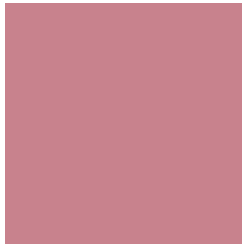
15.3277, 7.8806, 1.6694



0.7479, 0.3820, 0.1954

Previews

White Background



This preview shows how the XYZ color 36.6098, 30.1677, 29.0927 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 36.6098, 30.1677, 29.0927 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 36.6098, 30.1677, 29.0927

Background



This preview shows how black text looks on a background with the XYZ color 36.6098, 30.1677, 29.0927.



This preview shows how white text looks on a background with the XYZ color 36.6098, 30.1677,

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

36.6098, 30.1677, 29.0927

Protanopia

29.3638, 30.4373, 34.0331

Deuteranopia

30.7092, 30.1063, 28.2373



Tritanopia

36.5357, 30.1381, 28.7025

Trichromacy



Original Color

36.6098, 30.1677, 29.0927

Protanomaly

31.3805, 29.9191, 32.1380

Deuteranomaly

32.7152, 30.0326, 28.4987

Tritanomaly

36.5357, 30.1381, 28.7025

Monochromacy



Original Color

36.6098, 30.1677, 29.0927

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.6807, 30.5197, 32.2381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6098, 30.1677, 29.0927 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(200, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(200, 130, 141)  
}
```

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(200, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 130, 141) }
```

Border

The CSS property to change the border of an element to XYZ 36.6098, 30.1677, 29.0927 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(200, 130, 141) }
```


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

```
.border{ border-color:rgb(200, 130, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(200, 130,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6098, 30.1677, 29.0927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 130, 141) }
```

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

```
.background{ background-color: rgb(200,  
130, 141) }
```

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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