

Converting Colors

XYZ(30.4152, 29.0873, 27.2614)

Have a look what the booklet for
XYZ(30.4152, 29.0873, 27.2614)
contains.

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Color

**XYZ(30.3996, 29.0798,
27.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8C88
RGB	170, 140, 136
RGB Percent	67%, 55%, 53%
CMY	0.3333, 0.4510, 0.4667
CMYK	0.00, 0.18, 0.20, 0.33
HSL	7°, 17%, 60%
HSV	7°, 20%, 67%
XYZ	30.3996, 29.0798, 27.3033
YIQ	148.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

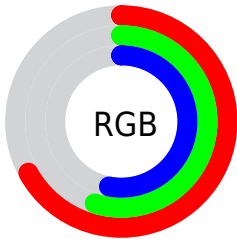
Format	Color
R_{YB}	170, 141, 136
Decimal	11177096
CIE _{Lab}	60.85, 10.68, 6.38
CIE _{LCh}	61, 12.442, 30.872
Yxy	29.0798, 0.3503, 0.3351
Android (android.graphics.Color)	4289367176 (0xFFAA8C88)
YUV	148.5140, -6.1694, 18.8432
Hunter-Lab	53.9257, 6.2561, 7.7287

Details

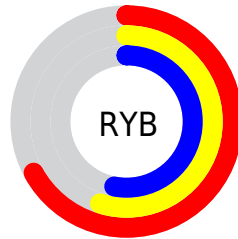
The XYZ color **30.3996, 29.0798, 27.3033** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0450, 35.4081, 43.2287**, and the grayscale version is **28.3832, 29.8613, 32.5190**.

A 20% lighter version of the original color is **59.8411, 58.4264, 56.2676**, and **12.6720, 11.7661, 10.4073** is the 20% darker color. If you saturate the color by 10%, you get **27.2419, 24.5467, 20.7553**, and if you desaturate by 10%, it is **34.0493, 34.2896, 34.9615**.

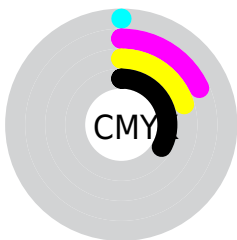
Distribution



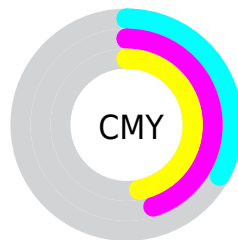
- Red (67%)
- Green (55%)
- Blue (53%)



- Red (67%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3996, 29.0798, 27.3033 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 30.3996, 29.0798, 27.3033 by changing the saturation by 10% instead.


 30.3996, 29.0798,
27.3033


 30.3996, 29.0798,
27.3033


295.6392,
297.5913, 302.9292

 20.2917, 19.1412,
17.5667


 59.6758, 58.2038,
56.3798

 12.7167, 11.7723,
10.4731

 79.5749, 78.1581,
76.5568

 7.3094, 6.5889,
5.6041


 103.4683,
102.2197, 101.0510

 3.7044, 3.2063,
2.5410

131.7215,
130.7729, 130.2810

 1.5363, 1.2404,
0.8618

164.6999,
164.2024, 164.6652

 0.3503, 0.0943,
0.0000

202.7687,

 0.0000, 0.0000,

202.8923, 204.6223

0.0000

246.2933,
247.2271, 250.5708

■ 30.3996, 29.0798,
27.3033

■ 30.3996, 29.0798,
27.3033

■ 27.2419, 24.5467,
20.7553

■ 34.0493, 34.2896,
34.9615

■ 24.5527, 20.6589,
15.2641

■ 38.2084, 40.1983,
43.7761

■ 22.3104, 17.3880,
10.7749

■ 42.8963, 46.8318,
53.7930

■ 20.4905, 14.7023,
7.2268

■ 48.1307, 54.2134,
65.0550

■ 19.0662, 12.5671,
4.5529

■ 53.9285, 62.3657,
77.6030

■ 18.0076, 10.9440,
2.6767

■ 60.3059, 71.3100,
91.4758

■ 17.2803, 9.7895,
1.5091

■ 67.2781, 81.0669,
106.7093

■ 16.8281, 9.0470,
0.8593

■ 70.3877, 87.2861,
107.7458

■ 16.8281, 9.0470,
0.8593

Harmonies

Analogous

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



30.8718, 29.0798, 31.5274



30.3996, 29.0798, 27.3033



29.1833, 29.0798, 24.4934

Triad

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



30.3996, 29.0798, 27.3033



25.0073, 29.0798, 27.5169



27.6869, 29.0798, 41.4445

Complementary

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



30.3996, 29.0798, 27.3033



31.0450, 35.4081, 43.2287

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.



26.1511, 29.0798, 40.1106



30.3996, 29.0798, 27.3033



24.6410, 29.0798, 31.7989

Square

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



30.3996, 29.0798, 27.3033



26.0721, 29.0798, 24.6080



25.0517, 29.0798, 36.4636



29.2685, 29.0798, 39.9518

Rectangle

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



30.3996, 29.0798, 27.3033



28.1365, 29.0798, 23.6480



25.0517, 29.0798, 36.4636



27.1484, 29.0798, 41.3107

Sweetspot

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



30.4004, 29.0811, 27.3039



64.6027, 66.2322, 69.4020



32.2680, 28.9092, 39.9720



14.3031, 14.6228, 15.2577



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.



30.4004, 29.0811, 27.3039



52.5084, 48.9670, 44.0266



33.0731, 34.4266, 28.1948



7.5996, 7.6793, 7.8710



12.4016, 6.7004, 0.6397



0.3228, 0.2051, 0.0226

Inverse Universe

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



31.0450, 35.4081, 43.2287



53.8911, 62.5547, 78.2358



28.1621, 29.6424, 42.2677



7.6710, 8.3790, 9.6313



13.3848, 18.2298, 30.7887



0.3461, 0.4845, 0.7559

Previews

White Background



This preview shows how the XYZ color 30.3996, 29.0798, 27.3033 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 30.3996, 29.0798, 27.3033 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 30.3996, 29.0798, 27.3033

Background



This preview shows how black text looks on a background with the XYZ color 30.3996, 29.0798, 27.3033.



This preview shows how white text looks on a background with the XYZ color 30.3996, 29.0798,

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

30.3996, 29.0798, 27.3033

Protanopia

27.7016, 29.0012, 28.5638

Deuteranopia

29.6340, 29.1229, 27.3520



Tritanopia

31.5266, 29.1175, 32.3924

Trichromacy



Original Color

30.3996, 29.0798, 27.3033

Protanomaly

28.6613, 29.0506, 28.1415

Deuteranomaly

29.9052, 29.0428, 27.3222

Tritanomaly

31.0612, 29.1368, 30.3724

Monochromacy



Original Color

30.3996, 29.0798, 27.3033

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.2176, 29.7395, 30.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3996, 29.0798, 27.3033 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(170, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(170, 140, 136)  
}
```

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(170, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 140, 136) }
```

Border

The CSS property to change the border of an element to XYZ 30.3996, 29.0798, 27.3033 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(170, 140, 136) }
```


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

```
.border{ border-color:rgb(170, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(170, 140,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3996, 29.0798, 27.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 140, 136) }
```

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

```
.background{ background-color: rgb(170,  
140, 136) }
```

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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