

Converting Colors

XYZ(30.2626, 26.9073, 28.3565)

Have a look what the booklet for
XYZ(30.2626, 26.9073, 28.3565)
contains.

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Color

**XYZ(30.1718, 26.8574,
28.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	AE828C
RGB	174, 130, 140
RGB Percent	68%, 51%, 55%
CMY	0.3176, 0.4902, 0.4510
CMYK	0.00, 0.25, 0.20, 0.32
HSL	346°, 21%, 60%
HSV	346°, 25%, 68%
XYZ	30.1718, 26.8574, 28.4047
YIQ	144.2960, 23.0140, 12.4380

Conversions

Conversions Part 2

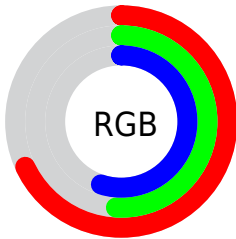
Format	Color
RYB	174, 130, 140
Decimal	11436684
CIELab	58.84, 18.49, 1.25
CIELCh	59, 18.528, 3.854
Yxy	26.8574, 0.3532, 0.3144
Android (android.graphics.Color)	4289626764 (0xFFAE828C)
YUV	144.2960, -2.1179, 26.0504
Hunter-Lab	51.8241, 13.2298, 3.7802

Details

The XYZ color **30.1718, 26.8574, 28.4047** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.0439, 37.6989, 40.7642**, and the grayscale version is **26.6310, 28.0179, 30.5115**.

A 20% lighter version of the original color is **59.1923, 54.5402, 57.8596**, and **12.5993, 10.5405, 11.0433** is the 20% darker color. If you saturate the color by 10%, you get **27.1185, 22.2416, 22.7905**, and if you desaturate by 10%, it is **33.7392, 32.3069, 34.7887**.

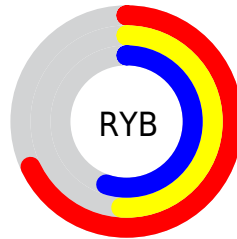
Distribution



Red (68%)

Green (51%)

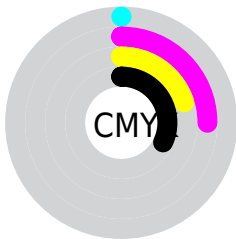
Blue (55%)



Red (68%)

Yellow (51%)

Blue (55%)

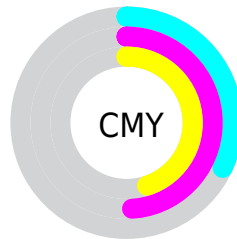


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1718, 26.8574, 28.4047 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 30.1718, 26.8574, 28.4047 by changing the saturation by 10% instead.

■ 30.1718, 26.8574,
28.4047

■ 30.1718, 26.8574,
28.4047

294.5999,
286.9660, 308.3683

■ 20.1177, 17.4662,
18.3893

■ 59.3185, 54.6550,
58.1608

■ 12.5894, 10.5674,
11.0575

■ 79.1419, 73.8301,
78.7385

■ 7.2215, 5.7768,
5.9909

■ 102.9525, 97.0352,
103.6740

■ 3.6486, 2.7098,
2.7708

131.1155,
124.6549, 133.3860

■ 1.5053, 0.9822,
0.9788

163.9964,
157.0734, 168.2928

■ 0.3294, 0.0000,
0.0000

201.9605,

■ 0.0000, 0.0000,

194.6751, 208.8131

0.0000

245.3733,
237.8446, 255.3654

■ 30.1718, 26.8574,
28.4047

■ 30.1718, 26.8574,
28.4047

■ 27.1185, 22.2416,
22.7905

■ 33.7392, 32.3069,
34.7887

■ 24.5530, 18.4147,
17.9149

■ 37.8408, 38.6246,
41.9687

■ 22.4500, 15.3333,
13.7472

■ 42.4985, 45.8476,
49.9716

■ 20.7811, 12.9483,
10.2535

■ 47.7321, 54.0098,
58.8228

■ 19.5146, 11.2047,
7.3973

■ 53.5607, 63.1432,
68.5462

■ 18.6141, 10.0392,
5.1382

■ 60.0023, 73.2784,
79.1650

■ 18.0354, 9.3731,
3.4305

■ 67.0742, 84.4447,
90.7015

■ 17.8308, 9.1488,
2.7924

■ 70.0927, 87.2695,
101.6105

■ 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



29.6825, 26.8574, 35.1526



30.1718, 26.8574, 28.4047



29.3568, 26.8574, 22.7723

Triad

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



30.1718, 26.8574, 28.4047



23.1545, 26.8574, 19.9800



23.6376, 26.8574, 42.0707

Complementary

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



30.1718, 26.8574, 28.4047



31.0439, 37.6989, 40.7642

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.



22.0460, 26.8574, 36.8365



30.1718, 26.8574, 28.4047



21.7790, 26.8574, 24.0361

Square

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



30.1718, 26.8574, 28.4047



25.2327, 26.8574, 18.3897



21.3854, 26.8574, 30.0979



25.8239, 26.8574, 43.6976

Rectangle

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



30.1718, 26.8574, 28.4047



28.2104, 26.8574, 20.2051



21.3854, 26.8574, 30.0979



23.0197, 26.8574, 40.6399

Sweetspot

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



30.1725, 26.8586, 28.4053



66.4127, 66.6227, 72.2562



30.8784, 26.8868, 43.6068



14.5104, 14.4214, 15.6224



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.



30.1725, 26.8586, 28.4053



51.7104, 44.1417, 46.0105



31.1191, 29.8783, 25.2476



8.0770, 8.0441, 8.7164



12.9520, 6.6434, 2.1270



0.3808, 0.1930, 0.1669

Inverse Universe

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



30.1725, 26.8586, 28.4053



51.7104, 44.1417, 46.0105



29.8142, 33.7374, 44.9852



8.0770, 8.0441, 8.7164



12.9520, 6.6434, 2.1270



0.3808, 0.1930, 0.1669

Previews

White Background



This preview shows how the XYZ color 30.1718, 26.8574, 28.4047 looks on a white background.

Color Contrast Check

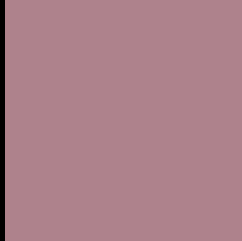
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1718, 26.8574, 28.4047 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 30.1718, 26.8574, 28.4047

Background



This preview shows how black text looks on a background with the XYZ color 30.1718, 26.8574, 28.4047.



This preview shows how white text looks on a background with the XYZ color 30.1718, 26.8574,

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

30.1718, 26.8574, 28.4047

Protanopia

26.0409, 26.9647, 31.0263

Deuteranopia

27.5105, 26.9235, 28.1729



Tritanopia

30.1718, 26.8574, 28.4047

Trichromacy



Original Color

30.1718, 26.8574, 28.4047

Protanomaly

27.3061, 26.7750, 30.1145

Deuteranomaly

28.2896, 26.7008, 28.0888

Tritanomaly

30.1718, 26.8574, 28.4047

Monochromacy



Original Color

30.1718, 26.8574, 28.4047

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7081, 27.4170, 29.8182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1718, 26.8574, 28.4047 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, 130, 140)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 140)  
}
```

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, 130, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.1718, 26.8574, 28.4047 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, 130, 140) }
```


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

```
.border{ border-color:rgb(174, 130, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 140);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1718, 26.8574, 28.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 140) }
```

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

```
.background{ background-color: rgb(174,  
130, 140) }
```

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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