

Converting Colors

XYZ(30.0193, 26.7314, 28.8819)

Have a look what the booklet for
XYZ(30.0193, 26.7314, 28.8819)
contains.

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Color

**XYZ(30.0239, 26.7726,
28.7845)**

Conversions

Conversions Part 1

Format	Color
Hex	AD828D
RGB	173, 130, 141
RGB Percent	68%, 51%, 55%
CMY	0.3216, 0.4902, 0.4471
CMYK	0.00, 0.25, 0.18, 0.32
HSL	345°, 21%, 59%
HSV	345°, 25%, 68%
XYZ	30.0239, 26.7726, 28.7845
YIQ	144.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

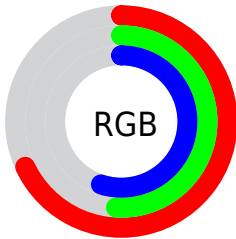
Format	Color
R_{YB}	173, 130, 141
Decimal	11371149
CIE _{Lab}	58.76, 18.27, 0.54
CIE _{LCh}	59, 18.275, 1.700
Yxy	26.7726, 0.3508, 0.3128
Android (android.graphics.Color)	4289561229 (0xFFAD828D)
YUV	144.1110, -1.5337, 25.3357
Hunter-Lab	51.7422, 13.0273, 3.2362

Details

The XYZ color **30.0239, 26.7726, 28.7845** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.6721, 37.2422, 39.7561**, and the grayscale version is **26.5543, 27.9372, 30.4236**.

A 20% lighter version of the original color is **59.0969, 54.4651, 59.0278**, and **12.5027, 10.4857, 11.2625** is the 20% darker color. If you saturate the color by 10%, you get **27.0104, 22.1905, 23.3250**, and if you desaturate by 10%, it is **33.5372, 32.1755, 34.9608**.

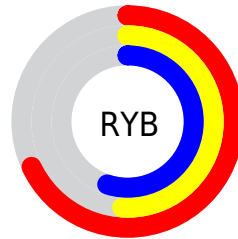
Distribution



Red (68%)

Green (51%)

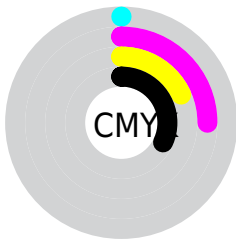
Blue (55%)



Red (68%)

Yellow (51%)

Blue (55%)

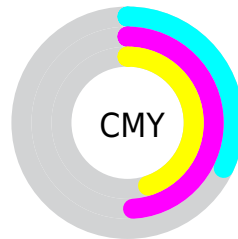


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0239, 26.7726, 28.7845 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 30.0239, 26.7726, 28.7845 by changing the saturation by 10% instead.


 30.0239, 26.7726,
28.7845


 30.0239, 26.7726,
28.7845


293.9237,
286.5544, 310.2259


 20.0049, 17.4025,
18.6737


 59.0863, 54.5187,
58.7726

 12.5069, 10.5219,
11.2603


 78.8605, 73.6636,
79.4870

 7.1645, 5.7463,
6.1258


 102.6171, 96.8355,
104.5730

 3.6124, 2.6915,
2.8517

130.7214,
124.4188, 134.4491

 1.4853, 0.9729,
1.0194

163.5389,
156.7980, 169.5339

 0.3158, 0.0000,
0.0000

201.4348,

 0.0000, 0.0000,

194.3574, 210.2460

0.0000

244.7747,
237.4814, 257.0038

■ 30.0239, 26.7726,
28.7845

■ 30.0239, 26.7726,
28.7845

■ 27.0104, 22.1905,
23.3250

■ 33.5372, 32.1755,
34.9608

■ 24.4713, 18.3853,
18.5541

■ 37.5697, 38.4329,
41.8772

■ 22.3824, 15.3146,
14.4443

■ 42.1423, 45.5812,
49.5581

■ 20.7162, 12.9306,
10.9655

■ 47.2744, 53.6534,
58.0262

■ 19.4423, 11.1794,
8.0849

■ 52.9841, 62.6810,
67.3032

■ 18.5258, 9.9994,
5.7667

■ 59.2890, 72.6939,
77.4102

■ 17.9250, 9.3155,
3.9706

■ 66.2055, 83.7208,
88.3671

■ 17.6929, 9.0680,
3.2250

■ 69.3234, 86.9362,
98.7180

■ 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



29.4519, 26.7726, 35.4329



30.0239, 26.7726, 28.7845



29.3106, 26.7726, 23.1089

Triad

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



30.0239, 26.7726, 28.7845



23.2387, 26.7726, 19.8231



23.4488, 26.7726, 41.4872

Complementary

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



30.0239, 26.7726, 28.7845



30.6721, 37.2422, 39.7561

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.



21.9380, 26.7726, 36.1635



30.0239, 26.7726, 28.7845



21.8219, 26.7726, 23.6589

Square

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



30.0239, 26.7726, 28.7845



25.3183, 26.7726, 18.4308



21.3598, 26.7726, 29.5202



25.5752, 26.7726, 43.3835

Rectangle

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



30.0239, 26.7726, 28.7845



28.2252, 26.7726, 20.4630



21.3598, 26.7726, 29.5202



22.8565, 26.7726, 40.0039

Sweetspot

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



30.0247, 26.7738, 28.7851



65.5629, 66.1506, 72.0704



30.3320, 26.6163, 43.0741



14.1567, 14.2336, 15.5063



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.



30.0247, 26.7738, 28.7851



50.6041, 43.1199, 45.8525



30.6467, 29.2630, 25.1537



8.0862, 8.0477, 8.7646



13.0183, 6.6699, 2.4757



0.3844, 0.1944, 0.1858

Inverse Universe

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



30.0247, 26.7738, 28.7851



50.6041, 43.1199, 45.8525



29.8409, 33.9463, 44.5148



8.0862, 8.0477, 8.7646



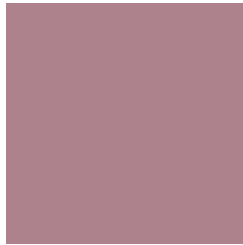
13.0183, 6.6699, 2.4757



0.3844, 0.1944, 0.1858

Previews

White Background



This preview shows how the XYZ color 30.0239, 26.7726, 28.7845 looks on a white background.

Color Contrast Check

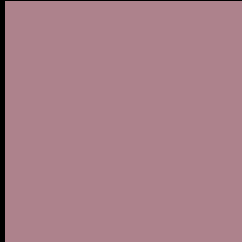
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0239, 26.7726, 28.7845 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 30.0239, 26.7726, 28.7845

Background



This preview shows how black text looks on a background with the XYZ color 30.0239, 26.7726, 28.7845.



This preview shows how white text looks on a background with the XYZ color 30.0239, 26.7726,

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

30.0239, 26.7726, 28.7845

Protanopia

25.9467, 26.9071, 31.4298

Deuteranopia

27.3896, 26.8527, 28.5504



Tritanopia

29.9498, 26.7429, 28.3943

Trichromacy



Original Color

30.0239, 26.7726, 28.7845

Protanomaly

27.1934, 26.7080, 30.5100

Deuteranomaly

28.1590, 26.6250, 28.4659

Tritanomaly

29.9498, 26.7429, 28.3943

Monochromacy



Original Color

30.0239, 26.7726, 28.7845

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 30.0239, 26.7726, 28.7845 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(173, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.0239, 26.7726, 28.7845 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(173, 130, 141) }
```


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

```
.border{ border-color:rgb(173, 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(173, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0239, 26.7726, 28.7845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 141) }
```

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

```
.background{ background-color: rgb(173,  
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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