

Converting Colors

XYZ(34.1630, 28.4979, 29.6867)

Have a look what the booklet for
XYZ(34.1630, 28.4979, 29.6867)
contains.

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Color

**XYZ(34.1630, 28.4979,
29.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	BF808F
RGB	191, 128, 143
RGB Percent	75%, 50%, 56%
CMY	0.2510, 0.4980, 0.4392
CMYK	0.00, 0.33, 0.25, 0.25
HSL	346°, 33%, 63%
HSV	346°, 33%, 75%
XYZ	34.1630, 28.4979, 29.6867
YIQ	148.5470, 32.7330, 18.0210

Conversions

Conversions Part 2

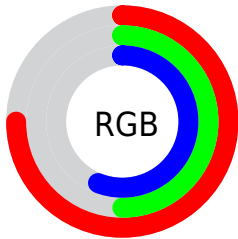
Format	Color
R_{YB}	191, 128, 143
Decimal	12550287
CIE _{Lab}	60.34, 26.47, 1.93
CIE _{LCh}	60, 26.538, 4.163
Yxy	28.4979, 0.3699, 0.3086
Android (android.graphics.Color)	4290740367 (0xFFBF808F)
YUV	148.5470, -2.7347, 37.2313
Hunter-Lab	53.3834, 20.8110, 4.3970

Details

The XYZ color **34.1630, 28.4979, 29.6867** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3706, 44.9862, 47.8955**, and the grayscale version is **28.3791, 29.8570, 32.5143**.

A 20% lighter version of the original color is **65.3133, 57.0354, 60.3899**, and **14.8535, 11.4733, 11.7876** is the 20% darker color. If you saturate the color by 10%, you get **30.8703, 23.5637, 23.4981**, and if you desaturate by 10%, it is **38.0693, 34.4298, 36.7861**.

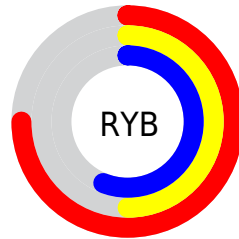
Distribution



Red (75%)

Green (50%)

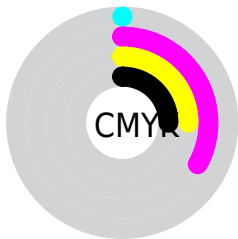
Blue (56%)



Red (75%)

Yellow (50%)

Blue (56%)

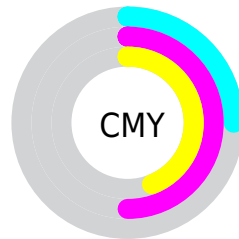


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1630, 28.4979, 29.6867 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 34.1630, 28.4979, 29.6867 by changing the saturation by 10% instead.


 34.1630, 28.4979,
29.6867


 34.1630, 28.4979,
29.6867


312.4314,
294.8385, 314.6031


 23.1823, 18.7013,
19.3509


 65.5297, 57.2784,
60.2215

 14.8496, 11.4547,
11.7447


 86.6464, 77.0311,
81.2575

 8.7995, 6.3735,
6.4497


 111.8725,
100.8713, 106.6974

 4.6667, 3.0735,
3.0472

141.5734,
129.1834, 136.9597

 2.0858, 1.1702,
1.1188

176.1143,
162.3517, 172.4628

 0.6815, 0.0372,
0.0000

215.8607,

 0.0000, 0.0000,

200.7608, 213.6254

0.0000

261.1780,
244.7949, 260.8660

■ 34.1630, 28.4979,
29.6867

■ 34.1630, 28.4979,
29.6867

■ 30.8703, 23.5637,
23.4981

■ 38.0693, 34.4298,
36.7861

■ 28.1570, 19.5684,
18.1811

■ 42.6162, 41.4061,
44.8300

■ 25.9890, 16.4528,
13.6960


■ 47.8322, 49.4755,
53.8523


■ 24.3277, 14.1498,
9.9992


■ 53.7431, 58.6821,
63.8847


■ 23.1291, 12.5820,
7.0428

■ 60.3734, 69.0680,
74.9576

 22.3412, 11.6571,
4.7732

 67.7466, 80.6727,
87.1000

 21.9687, 11.2695,
3.5475

 73.7082, 89.1813,
99.6142

 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



33.4238, 28.4979, 39.9496



34.1630, 28.4979, 29.6867



32.8794, 28.4979, 21.6375

Triad

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



34.1630, 28.4979, 29.6867



23.5702, 28.4979, 17.9453



24.3293, 28.4979, 51.1745

Complementary

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



34.1630, 28.4979, 29.6867



35.3706, 44.9862, 47.8955

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.



22.0172, 28.4979, 42.8081



34.1630, 28.4979, 29.6867



21.6054, 28.4979, 23.5469

Square

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



34.1630, 28.4979, 29.6867



26.6134, 28.4979, 15.8213



21.0614, 28.4979, 32.4119



27.5649, 28.4979, 53.7671

Rectangle

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



34.1630, 28.4979, 29.6867



31.1077, 28.4979, 18.1646



21.0614, 28.4979, 32.4119



23.4275, 28.4979, 48.8689

Sweetspot

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



34.1638, 28.4992, 29.6873



78.8398, 78.0371, 84.6729



34.8596, 28.3443, 52.9242



17.0316, 16.7027, 18.1046



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.1638, 28.4992, 29.6873



56.5785, 44.1236, 44.5456



35.3186, 32.5071, 24.8368



9.6208, 9.5726, 10.3920



14.4642, 7.4168, 2.4723



0.5930, 0.3011, 0.2360

Inverse Universe

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



34.1638, 28.4992, 29.6873



56.5785, 44.1236, 44.5456



33.6858, 39.1092, 55.0639



9.6208, 9.5726, 10.3920



14.4642, 7.4168, 2.4723



0.5930, 0.3011, 0.2360

Previews

White Background



This preview shows how the XYZ color 34.1630, 28.4979, 29.6867 looks on a white background.

Color Contrast Check

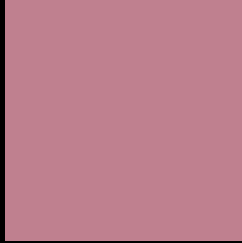
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1630, 28.4979, 29.6867 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 34.1630, 28.4979, 29.6867

Background



This preview shows how black text looks on a background with the XYZ color 34.1630, 28.4979, 29.6867.



This preview shows how white text looks on a background with the XYZ color 34.1630, 28.4979,

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

34.1630, 28.4979, 29.6867

Protanopia

27.7292, 28.6617, 34.2078

Deuteranopia

29.2329, 28.6542, 29.1894



Tritanopia

33.9963, 28.6410, 28.1626

Trichromacy



Original Color

34.1630, 28.4979, 29.6867

Protanomaly

29.5577, 28.3165, 32.3415

Deuteranomaly

30.9202, 28.4455, 29.4521

Tritanomaly

34.0697, 28.6703, 28.5492

Monochromacy



Original Color

34.1630, 28.4979, 29.6867

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.1012, 29.0489, 31.6242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1630, 28.4979, 29.6867 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(191, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 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(191, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 34.1630, 28.4979, 29.6867 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(191, 128, 143) }
```


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

```
.border{ border-color:rgb(191, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1630, 28.4979, 29.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 143) }
```

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

```
.background{ background-color: rgb(191,  
128, 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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