

Converting Colors

XYZ(34.6683, 28.6039, 32.3340)

Have a look what the booklet for
XYZ(34.6683, 28.6039, 32.3340)
contains.

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Color

**XYZ(34.6298, 28.6846,
32.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8095
RGB	191, 128, 149
RGB Percent	75%, 50%, 58%
CMY	0.2510, 0.4980, 0.4157
CMYK	0.00, 0.33, 0.22, 0.25
HSL	340°, 33%, 63%
HSV	340°, 33%, 75%
XYZ	34.6298, 28.6846, 32.1453
YIQ	149.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

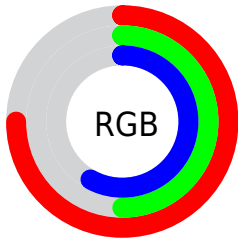
Format	Color
R_{YB}	191, 128, 149
Decimal	12550293
CIE Lab	60.50, 27.36, -1.27
CIE LCh	61, 27.393, 357.338
Yxy	28.6846, 0.3628, 0.3005
Android (android.graphics.Color)	4290740373 (0xFFBF8095)
YUV	149.2310, -0.1139, 36.6314
Hunter-Lab	53.5580, 21.6889, 1.9050

Details

The XYZ color **34.6298, 28.6846, 32.1453** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7897, 44.7537, 44.8369**, and the grayscale version is **28.6563, 30.1487, 32.8319**.

A 20% lighter version of the original color is **66.0148, 57.3160, 64.0837**, and **15.0823, 11.5649, 12.9926** is the 20% darker color. If you saturate the color by 10%, you get **31.4073, 23.7785, 26.3265**, and if you desaturate by 10%, it is **38.4340, 34.5757, 38.7071**.

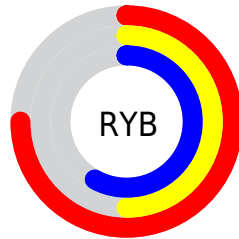
Distribution



Red (75%)

Green (50%)

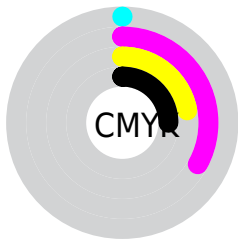
Blue (58%)



Red (75%)

Yellow (50%)

Blue (58%)

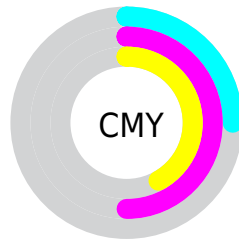


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6298, 28.6846, 32.1453 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 34.6298, 28.6846, 32.1453 by changing the saturation by 10% instead.


 34.6298, 28.6846,
32.1453


 34.6298, 28.6846,
32.1453


314.4680,
295.7239, 326.2937


 23.5430, 18.8424,
21.2068


 66.2497, 57.5756,
64.1394

 15.1179, 11.5564,
13.0825


 87.5135, 77.3931,
86.0320

 8.9890, 6.4424,
7.3540


 112.9004,
101.3046, 112.4130

 4.7911, 3.1159,
3.6027

142.7756,
129.6943, 143.7010

 2.1587, 1.1925,
1.4100

177.5047,
162.9467, 180.3146

 0.7208, 0.0556,
0.1495

217.4529,

 0.0000, 0.0000,

201.4462, 222.6722

0.0000

262.9855,
245.5771, 271.1924

■ 34.6298, 28.6846,
32.1453

■ 34.6298, 28.6846,
32.1453

■ 31.4073, 23.7785,
26.3265

■ 38.4340, 34.5757,
38.7071

■ 28.7342, 19.7993,
21.2214

■ 42.8452, 41.4977,
46.0362

■ 26.5786, 16.6887,
16.8013


■ 47.8901, 49.4986,
54.1579


■ 24.9040, 14.3803,
13.0344


■ 53.5931, 58.6220,
63.0956


■ 23.6690, 12.7980,
9.8861


■ 59.9772, 68.9094,
72.8719


 22.8243, 11.8504,
7.3178

 67.0644, 80.3998,
83.5084

 22.4017, 11.4427,
5.8278

 72.6990, 88.7776,
94.3004

 74.6385, 89.5534,
104.5138

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



33.3933, 28.6846, 42.9554



34.6298, 28.6846, 32.1453



33.7559, 28.6846, 23.1217

Triad

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



34.6298, 28.6846, 32.1453



24.2611, 28.6846, 16.9398



23.7589, 28.6846, 50.6455

Complementary

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



34.6298, 28.6846, 32.1453



34.7897, 44.7537, 44.8369

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.



21.6626, 28.6846, 41.0482



34.6298, 28.6846, 32.1453



21.9345, 28.6846, 21.8640

Square

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



34.6298, 28.6846, 32.1453



27.5807, 28.6846, 15.5483



21.0243, 28.6846, 30.3374



26.9495, 28.6846, 54.9819

Rectangle

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



34.6298, 28.6846, 32.1453



32.1324, 28.6846, 18.9974



21.0243, 28.6846, 30.3374



22.9137, 28.6846, 47.8385

Sweetspot

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



34.6306, 28.6859, 32.1459



79.1702, 78.1693, 86.4125



33.7017, 27.7474, 52.8699



17.1132, 16.7353, 18.5339



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.



34.6306, 28.6859, 32.1459



57.5159, 44.4986, 49.4819



34.5435, 30.9570, 24.5784



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0078



0.6090, 0.3075, 0.3201

Inverse Universe

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



34.6306, 28.6859, 32.1459



57.5159, 44.4986, 49.4819



34.7294, 41.1963, 55.4116



9.6578, 9.5874, 10.5870



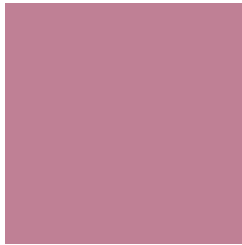
14.7558, 7.5335, 4.0078



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 34.6298, 28.6846, 32.1453 looks on a white background.

Color Contrast Check

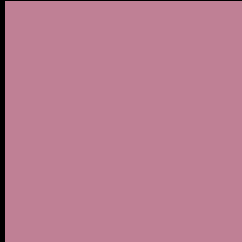
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6298, 28.6846, 32.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

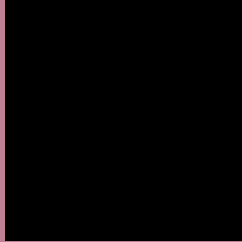
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6298, 28.6846, 32.1453

Background



This preview shows how black text looks on a background with the XYZ color 34.6298, 28.6846, 32.1453.



This preview shows how white text looks on a background with the XYZ color 34.6298, 28.6846,

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

34.6298, 28.6846, 32.1453

Protanopia

28.0605, 28.7737, 36.8758

Deuteranopia

29.4367, 28.9262, 31.6356



Tritanopia

33.8780, 28.7765, 28.1949

Trichromacy



Original Color

34.6298, 28.6846, 32.1453

Protanomaly

30.0493, 28.5132, 34.9302

Deuteranomaly

31.0855, 28.6874, 31.9158

Tritanomaly

34.0434, 28.6308, 29.7186

Monochromacy



Original Color

34.6298, 28.6846, 32.1453

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2595, 29.1122, 32.4581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6298, 28.6846, 32.1453 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.6298, 28.6846, 32.1453 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, 149) }
```


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

```
.border{ border-color:rgb(191, 128, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 128, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 128, 149); box-shadow:4px 4px 4px 4px rgb(191, 128, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6298, 28.6846, 32.1453 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, 149) }
```

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

```
.background{ background-color: rgb(191,  
128, 149) }
```

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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