

Converting Colors

XYZ(34.1545, 28.1966, 31.5110)

Have a look what the booklet for
XYZ(34.1545, 28.1966, 31.5110)
contains.

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Color

**XYZ(34.1699, 28.2640,
31.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7F94
RGB	190, 127, 148
RGB Percent	75%, 50%, 58%
CMY	0.2549, 0.5019, 0.4196
CMYK	0.00, 0.33, 0.22, 0.25
HSL	340°, 33%, 62%
HSV	340°, 33%, 75%
XYZ	34.1699, 28.2640, 31.6715
YIQ	148.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

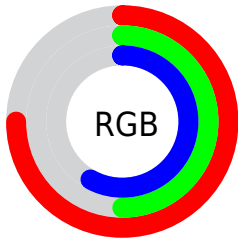
Format	Color
R_{YB}	190, 127, 148
Decimal	12484500
CIE Lab	60.13, 27.39, -1.26
CIE LCh	60, 27.424, 357.361
Yxy	28.2640, 0.3631, 0.3003
Android (android.graphics.Color)	4290674580 (0xFFBE7F94)
YUV	148.2310, -0.1139, 36.6314
Hunter-Lab	53.1639, 21.6900, 1.8937

Details

The XYZ color **34.1699, 28.2640, 31.6715** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.3285, 44.2043, 44.2613**, and the grayscale version is **28.2368, 29.7074, 32.3513**.

A 20% lighter version of the original color is **65.3397, 56.6809, 63.3739**, and **14.8032, 11.3217, 12.7144** is the 20% darker color. If you saturate the color by 10%, you get **30.9951, 23.4320, 25.9341**, and if you desaturate by 10%, it is **37.9188, 34.0680, 38.1423**.

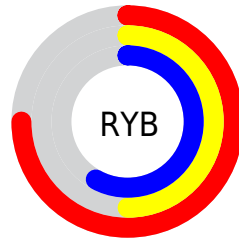
Distribution



Red (75%)

Green (50%)

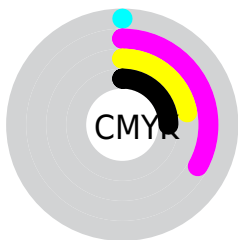
Blue (58%)



Red (75%)

Yellow (50%)

Blue (58%)

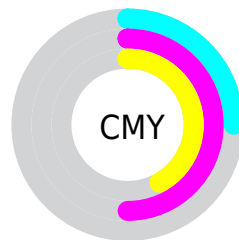


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1699, 28.2640, 31.6715 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 34.1699, 28.2640, 31.6715 by changing the saturation by 10% instead.


 34.1699, 28.2640,
31.6715


 34.1699, 28.2640,
31.6715


312.4616,
293.7263, 324.0666


 23.1877, 18.5248,
20.8480


 65.5403, 56.9057,
63.3877

 14.8536, 11.3274,
12.8228


 86.6592, 76.5769,
85.1174

 8.8023, 6.2875,
7.1773


 111.8877,
100.3275, 111.3196

 4.6686, 3.0207,
3.4931

141.5912,
128.5420, 142.4128

 2.0869, 1.1425,
1.3516

176.1349,
161.6047, 178.8155

 0.6821, 0.0140,
0.1035

215.8843,

 0.0000, 0.0000,

199.9001, 220.9464

0.0000

261.2048,
243.8125, 269.2239

■ 34.1699, 28.2640,
31.6715

■ 34.1699, 28.2640,
31.6715

■ 30.9951, 23.4320,
25.9341

■ 37.9188, 34.0680,
38.1423

■ 28.3624, 19.5144,
20.9012

■ 42.2667, 40.8894,
45.3705

■ 26.2402, 16.4539,
16.5443


■ 47.2401, 48.7755,
53.3810


■ 24.5925, 14.1845,
12.8321


■ 52.8631, 57.7697,
62.1971

■ 23.3783, 12.6310,
9.7303


■ 59.1583, 67.9126,
71.8410


 22.5489, 11.7030,
7.2007

 66.1475, 79.2429,
82.3341

 22.1417, 11.3098,
5.7665

 72.2337, 88.5626,
93.1577

 74.1474, 89.3281,
103.2353

 75.0454, 89.6872,
107.9638

Harmonies

Analogous

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



32.9446, 28.2640, 42.3953



34.1699, 28.2640, 31.6715



33.3012, 28.2640, 22.7331

Triad

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



34.1699, 28.2640, 31.6715



23.8858, 28.2640, 16.6250



23.3926, 28.2640, 50.0443

Complementary

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



34.1699, 28.2640, 31.6715



34.3285, 44.2043, 44.2613

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.



21.3151, 28.2640, 40.5189



34.1699, 28.2640, 31.6715



21.5820, 28.2640, 21.4990

Square

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



34.1699, 28.2640, 31.6715



27.1754, 28.2640, 15.2471



20.6817, 28.2640, 29.8950



26.5551, 28.2640, 54.3462

Rectangle

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



34.1699, 28.2640, 31.6715



31.6898, 28.2640, 18.6535



20.6817, 28.2640, 29.8950



22.5550, 28.2640, 47.2581

Sweetspot

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



34.1707, 28.2653, 31.6721



79.1701, 78.1693, 86.4124



33.2469, 27.3329, 52.2390



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.



34.1707, 28.2653, 31.6721



57.5158, 44.4986, 49.4817



34.0839, 30.5146, 24.1738



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0077



0.6090, 0.3075, 0.3201

Inverse Universe

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



34.1707, 28.2653, 31.6721



57.5158, 44.4986, 49.4817



34.2682, 40.6716, 54.7598



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0077



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 34.1699, 28.2640, 31.6715 looks on a white background.

Color Contrast Check

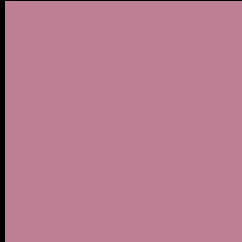
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1699, 28.2640, 31.6715 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 34.1699, 28.2640, 31.6715

Background



This preview shows how black text looks on a background with the XYZ color 34.1699, 28.2640, 31.6715.



This preview shows how white text looks on a background with the XYZ color 34.1699, 28.2640,

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

34.1699, 28.2640, 31.6715

Protanopia

27.6464, 28.3444, 36.3617

Deuteranopia

29.0113, 28.4960, 31.1653



Tritanopia

33.4240, 28.3543, 27.7560

Trichromacy



Original Color

34.1699, 28.2640, 31.6715

Protanomaly

29.6192, 28.0871, 34.4321

Deuteranomaly

30.6482, 28.2610, 31.4433

Tritanomaly

33.5879, 28.2102, 29.2660

Monochromacy



Original Color

34.1699, 28.2640, 31.6715

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.8276, 28.6808, 31.9808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1699, 28.2640, 31.6715 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(190, 127, 148)` looks like.

```
.text, #text, p{  
    color:rgb(190, 127, 148)  
}
```

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(190, 127, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 127, 148) }
```

Border

The CSS property to change the border of an element to XYZ 34.1699, 28.2640, 31.6715 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(190, 127, 148) }
```


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

```
.border{ border-color:rgb(190, 127, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 127, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 127, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 127, 148);  
box-shadow:4px 4px 4px 4px rgb(190, 127,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1699, 28.2640, 31.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 127, 148) }
```

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

```
.background{ background-color: rgb(190,  
127, 148) }
```

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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