

Converting Colors

XYZ(34.5308, 28.5009, 32.0677)

Have a look what the booklet for
XYZ(34.5308, 28.5009, 32.0677)
contains.

XYZ(34.5000, 28.4250, 32.1020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5000, 28.4250,
32.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7F95
RGB	191, 127, 149
RGB Percent	75%, 50%, 58%
CMY	0.2510, 0.5019, 0.4157
CMYK	0.00, 0.34, 0.22, 0.25
HSL	339°, 33%, 62%
HSV	339°, 34%, 75%
XYZ	34.5000, 28.4250, 32.1020
YIQ	148.6440, 31.0820, 20.4100

Conversions

Conversions Part 2

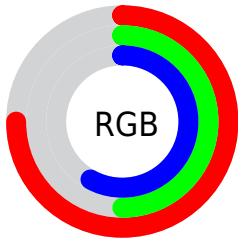
Format	Color
R _Y B	191, 127, 149
Decimal	12550037
CIE Lab	60.27, 27.91, -1.61
CIE LCh	60, 27.961, 356.695
Yxy	28.4250, 0.3631, 0.2991
Android (android.graphics.Color)	4290740117 (0xFFBF7F95)
YUV	148.6440, 0.1755, 37.1462
Hunter-Lab	53.3151, 22.2052, 1.6210

Details

The XYZ color **34.5000, 28.4250, 32.1020** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5458, 44.6389, 44.3336**, and the grayscale version is **28.4084, 29.8878, 32.5479**.

A 20% lighter version of the original color is **65.8121, 56.9108, 64.0161**, and **15.0118, 11.4238, 12.9691** is the 20% darker color. If you saturate the color by 10%, you get **31.3156, 23.5723, 26.3659**, and if you desaturate by 10%, it is **38.2614, 34.2587, 38.5625**.

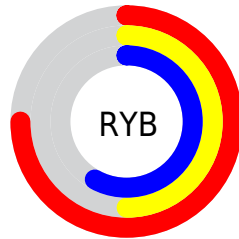
Distribution



Red (75%)

Green (50%)

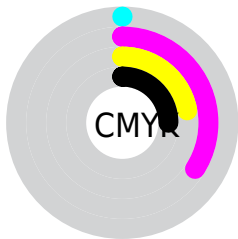
Blue (58%)



Red (75%)

Yellow (50%)

Blue (58%)

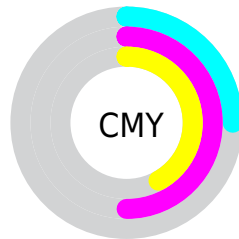


Cyan (0%)

Magenta (34%)

Yellow (22%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5000, 28.4250, 32.1020 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 34.5000, 28.4250, 32.1020 by changing the saturation by 10% instead.


 34.5000, 28.4250,
32.1020


 34.5000, 28.4250,
32.1020


313.9026,
294.4922, 326.0907


 23.4427, 18.6463,
21.1740


 66.0496, 57.1623,
64.0707

 15.0432, 11.4150,
13.0587


 87.2726, 76.8896,
85.9485

 8.9362, 6.3467,
7.3378


 112.6149,
100.7019, 112.3132

 4.7564, 3.0570,
3.5926

142.4417,
128.9836, 143.5835

 2.1383, 1.1616,
1.4046

177.1186,
162.1191, 180.1778

 0.7099, 0.0300,
0.1453

217.0108,

 0.0000, 0.0000,

200.4928, 222.5148

0.0000

262.4837,
244.4890, 271.0129

■ 34.5000, 28.4250,
32.1020

■ 34.5000, 28.4250,
32.1020

■ 31.3156, 23.5723,
26.3659

■ 38.2614, 34.2587,
38.5625

■ 28.6758, 19.6422,
21.3257

■ 42.6250, 41.1194,
45.7710

■ 26.5487, 16.5763,
16.9536


■ 47.6173, 49.0552,
53.7519


■ 24.8980, 14.3078,
13.2189


■ 53.2628, 58.1099,
62.5279


■ 23.6821, 12.7601,
10.0877

■ 59.5844, 68.3247,
72.1211


 22.8513, 11.8409,
7.5227

 66.6038, 79.7390,
82.5522

 22.4590, 11.4656,
6.1296

 72.4950, 88.6960,
93.2259

 74.3888, 89.4535,
103.1986

 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.



33.1977, 28.4250, 43.1052



34.5000, 28.4250, 32.1020



33.6556, 28.4250, 22.9010

Triad

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



34.5000, 28.4250, 32.1020



24.0371, 28.4250, 16.4504



23.4060, 28.4250, 50.5558

Complementary

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



34.5000, 28.4250, 32.1020



34.5458, 44.6389, 44.3336

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.



21.3146, 28.4250, 40.6934



34.5000, 28.4250, 32.1020



21.6556, 28.4250, 21.3260

Square

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



34.5000, 28.4250, 32.1020



27.4164, 28.4250, 15.1282



20.7029, 28.4250, 29.8259



26.6217, 28.4250, 55.1394

Rectangle

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



34.5000, 28.4250, 32.1020



32.0263, 28.4250, 18.6915



20.7029, 28.4250, 29.8259



22.5595, 28.4250, 47.6546

Sweetspot

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



34.5008, 28.4263, 32.1026



79.2066, 78.1838, 86.6041



33.2709, 27.3326, 52.8125



17.1222, 16.7389, 18.5812



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.



34.5008, 28.4263, 32.1026



57.6223, 44.5412, 50.0425



34.2065, 30.3878, 24.1429



9.6619, 9.5891, 10.6085



14.7941, 7.5488, 4.2095



0.6107, 0.3082, 0.3295

Inverse Universe

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



34.5008, 28.4263, 32.1026



57.6223, 44.5412, 50.0425



34.7626, 41.4850, 55.4656



9.6619, 9.5891, 10.6085



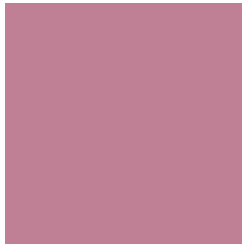
14.7941, 7.5488, 4.2095



0.6107, 0.3082, 0.3295

Previews

White Background



This preview shows how the XYZ color 34.5000, 28.4250, 32.1020 looks on a white background.

Color Contrast Check

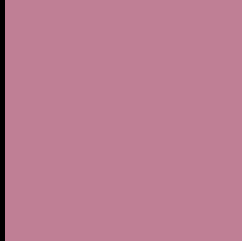
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5000, 28.4250, 32.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

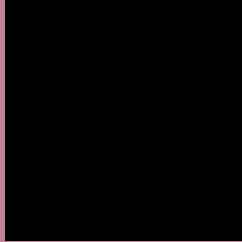
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5000, 28.4250, 32.1020

Background



This preview shows how black text looks on a background with the XYZ color 34.5000, 28.4250, 32.1020.



This preview shows how white text looks on a background with the XYZ color 34.5000, 28.4250,

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

34.5000, 28.4250, 32.1020

Protanopia

27.9722, 28.7182, 37.3266

Deuteranopia

29.0113, 28.4960, 31.1653



Tritanopia

33.7457, 28.5117, 28.1508

Trichromacy



Original Color

34.5000, 28.4250, 32.1020

Protanomaly

29.7872, 28.1543, 35.3169

Deuteranomaly

30.8652, 28.3728, 31.4535

Tritanomaly

33.9123, 28.3687, 29.6749

Monochromacy



Original Color

34.5000, 28.4250, 32.1020

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 34.5000, 28.4250, 32.1020 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, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(191, 127, 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, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 127, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.5000, 28.4250, 32.1020 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, 127, 149) }
```


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

```
.border{ border-color:rgb(191, 127, 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, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 127, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 127, 149);  
box-shadow:4px 4px 4px 4px rgb(191, 127,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5000, 28.4250, 32.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 127, 149) }
```

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

```
.background{ background-color: rgb(191,  
127, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor