

Converting Colors

XYZ(33.9210, 28.4720, 32.1712)

Have a look what the booklet for
XYZ(33.9210, 28.4720, 32.1712)
contains.

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Color

**XYZ(34.0141, 28.5618,
32.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8195
RGB	188, 129, 149
RGB Percent	74%, 51%, 58%
CMY	0.2627, 0.4941, 0.4157
CMYK	0.00, 0.31, 0.21, 0.26
HSL	340°, 31%, 62%
HSV	340°, 31%, 74%
XYZ	34.0141, 28.5618, 32.1540
YIQ	148.9210, 28.7440, 18.7280

Conversions

Conversions Part 2

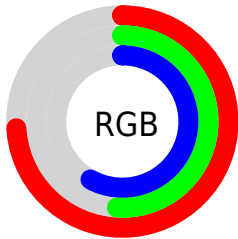
Format	Color
R _Y B	188, 129, 149
Decimal	12353941
CIE Lab	60.39, 25.71, -1.47
CIE LCh	60, 25.747, 356.720
Yxy	28.5618, 0.3591, 0.3015
Android (android.graphics.Color)	4290544021 (0xFFBC8195)
YUV	148.9210, 0.0389, 34.2723
Hunter-Lab	53.4432, 20.0812, 1.7386

Details

The XYZ color **34.0141, 28.5618, 32.1540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1056, 43.4614, 43.6392**, and the grayscale version is **28.5259, 30.0115, 32.6825**.

A 20% lighter version of the original color is **65.1636, 57.1802, 64.1023**, and **14.8321, 11.5421, 13.0014** is the 20% darker color. If you saturate the color by 10%, you get **30.8220, 23.6814, 26.4531**, and if you desaturate by 10%, it is **37.7694, 34.3984, 38.5657**.

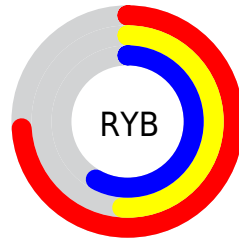
Distribution



Red (74%)

Green (51%)

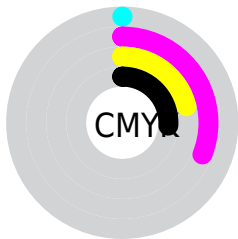
Blue (58%)



Red (74%)

Yellow (51%)

Blue (58%)

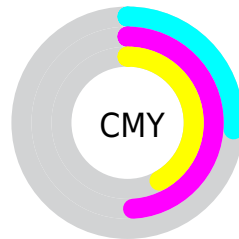


Cyan (0%)

Magenta (31%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0141, 28.5618, 32.1540 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 34.0141, 28.5618, 32.1540 by changing the saturation by 10% instead.


 34.0141, 28.5618,
32.1540


 34.0141, 28.5618,
32.1540


311.7797,
295.1418, 326.3345


 23.0674, 18.7496,
21.2134


 65.2997, 57.3801,
64.1531

 14.7642, 11.4895,
13.0873


 86.3694, 77.1551,
86.0487

 8.7393, 6.3971,
7.3572


 111.5440,
101.0197, 112.4330

 4.6273, 3.0880,
3.6047

141.1890,
129.3583, 143.7246

 2.0628, 1.1778,
1.4111

175.6697,
162.5555, 180.3420

 0.6689, 0.0435,
0.1503

215.3515,

 0.0000, 0.0000,

200.9955, 222.7038

0.0000

260.5997,
245.0628, 271.2284

■ 34.0141, 28.5618,
32.1540

■ 34.0141, 28.5618,
32.1540

■ 30.8220, 23.6814,
26.4531

■ 37.7694, 34.3984,
38.5657

■ 28.1622, 19.7019,
21.4354

■ 42.1116, 41.2347,
45.7108

■ 26.0047, 16.5683,
17.0742


■ 47.0661, 49.1163,
53.6129


■ 24.3152, 14.2180,
13.3398


■ 52.6562, 58.0848,
62.2942


■ 23.0549, 12.5796,
10.2001


■ 58.9036, 68.1796,
71.7758

 22.1782, 11.5684,
7.6194

 65.8293, 79.4381,
82.0780

 21.6566, 11.0584,
5.8021

 71.6389, 88.2673,
92.6156

 73.5083, 89.0151,
102.4597

 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



32.8265, 28.5618, 42.2184



34.0141, 28.5618, 32.1540



33.2418, 28.5618, 23.5981

Triad

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



34.0141, 28.5618, 32.1540



24.3833, 28.5618, 17.4875



23.8006, 28.5618, 48.9734

Complementary

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



34.0141, 28.5618, 32.1540



34.1056, 43.4614, 43.6392

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.



21.8470, 28.5618, 40.0413



34.0141, 28.5618, 32.1540



22.1638, 28.5618, 22.1264

Square

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



34.0141, 28.5618, 32.1540



27.5131, 28.5618, 16.2132



21.2728, 28.5618, 30.0672



26.7845, 28.5618, 53.0917

Rectangle

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



34.0141, 28.5618, 32.1540



31.7511, 28.5618, 19.6214



21.2728, 28.5618, 30.0672



23.0112, 28.5618, 46.3557

Sweetspot

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



34.0149, 28.5631, 32.1546



78.2282, 77.7544, 85.9215



32.9388, 27.5865, 51.1659



16.5535, 16.2940, 18.0432



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.0149, 28.5631, 32.1546



57.3575, 45.1920, 50.6666



33.7695, 30.4116, 24.8607



9.6600, 9.5883, 10.5987



14.7764, 7.5417, 4.1163



0.6099, 0.3079, 0.3251

Inverse Universe

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



34.0149, 28.5631, 32.1546



57.3575, 45.1920, 50.6666



34.2815, 40.5991, 53.6068



9.6600, 9.5883, 10.5987



14.7764, 7.5417, 4.1163



0.6099, 0.3079, 0.3251

Previews

White Background



This preview shows how the XYZ color 34.0141, 28.5618, 32.1540 looks on a white background.

Color Contrast Check

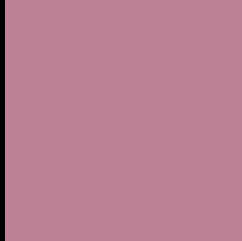
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0141, 28.5618, 32.1540 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 34.0141, 28.5618, 32.1540

Background



This preview shows how black text looks on a background with the XYZ color 34.0141, 28.5618, 32.1540.



This preview shows how white text looks on a background with the XYZ color 34.0141, 28.5618,

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

34.0141, 28.5618, 32.1540

Protanopia

28.0605, 28.7737, 36.8758

Deuteranopia

29.2885, 28.6299, 31.5862



Tritanopia

33.2098, 28.4235, 28.5469

Trichromacy



Original Color

34.0141, 28.5618, 32.1540

Protanomaly

29.8470, 28.4089, 34.9207

Deuteranomaly

30.8685, 28.5755, 31.9056

Tritanomaly

33.4341, 28.5132, 29.7280

Monochromacy



Original Color

34.0141, 28.5618, 32.1540

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2021, 29.3025, 32.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0141, 28.5618, 32.1540 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(188, 129, 149)` looks like.

```
.text, #text, p{  
    color:rgb(188, 129, 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(188, 129, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 129, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.0141, 28.5618, 32.1540 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(188, 129, 149) }
```


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

```
.border{ border-color:rgb(188, 129, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 129, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 129, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 129, 149);  
box-shadow:4px 4px 4px 4px rgb(188, 129,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0141, 28.5618, 32.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 129, 149) }
```

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

```
.background{ background-color: rgb(188,  
129, 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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