

Converting Colors

XYZ(34.8803, 30.0966, 28.5884)

Have a look what the booklet for
XYZ(34.8803, 30.0966, 28.5884)
contains.

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Color

**XYZ(34.9235, 30.1207,
28.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	C0868B
RGB	192, 134, 139
RGB Percent	75%, 53%, 55%
CMY	0.2471, 0.4745, 0.4549
CMYK	0.00, 0.30, 0.28, 0.25
HSL	355°, 32%, 64%
HSV	355°, 30%, 75%
XYZ	34.9235, 30.1207, 28.3993
YIQ	151.9120, 32.9630, 13.8510

Conversions

Conversions Part 2

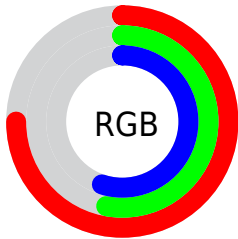
Format	Color
RYB	192, 134, 139
Decimal	12617355
CIELab	61.76, 22.96, 6.28
CIElCh	62, 23.800, 15.302
Yxy	30.1207, 0.3737, 0.3223
Android (android.graphics.Color)	4290807435 (0xFFC0868B)
YUV	151.9120, -6.3656, 35.1572
Hunter-Lab	54.8823, 17.5416, 7.7375

Details

The XYZ color **34.9235, 30.1207, 28.3993** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6520, 46.3561, 53.9791**, and the grayscale version is **29.8244, 31.3775, 34.1701**.

A 20% lighter version of the original color is **66.5646, 59.9119, 57.9250**, and **15.2900, 12.3803, 11.0350** is the 20% darker color. If you saturate the color by 10%, you get **31.3259, 24.8151, 21.3745**, and if you desaturate by 10%, it is **39.2103, 36.4749, 36.6696**.

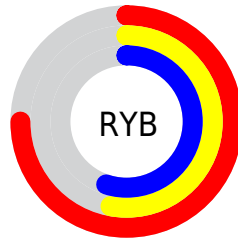
Distribution



Red (75%)

Green (53%)

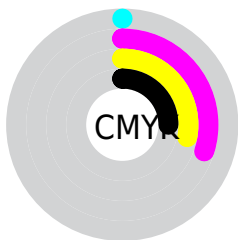
Blue (55%)



Red (75%)

Yellow (53%)

Blue (55%)

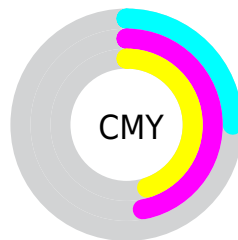


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9235, 30.1207, 28.3993 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 34.9235, 30.1207, 28.3993 by changing the saturation by 10% instead.


 34.9235, 30.1207,
28.3993


 34.9235, 30.1207,
28.3993


315.7445,
302.4667, 308.3418


 23.7702, 19.9302,
18.3852


 66.7020, 59.8530,
58.1521

 15.2870, 12.3443,
11.0546


 88.0580, 80.1636,
78.7278

 9.1087, 6.9786,
5.9889


 113.5455,
104.6164, 103.6612

 4.8698, 3.4487,
2.7697

143.5300,
133.5958, 133.3708

 2.2051, 1.3703,
0.9783

178.3768,
167.4861, 168.2751

 0.7454, 0.1946,
0.0000

218.4512,

 0.0000, 0.0000,

206.6717, 208.7927

0.0000

264.1187,
251.5371, 255.3421

■ 34.9235, 30.1207,
28.3993

■ 34.9235, 30.1207,
28.3993

■ 31.3259, 24.8151,
21.3745

■ 39.2103, 36.4749,
36.6696

■ 28.3793, 20.4979,
15.5332

■ 44.2170, 43.9255,
46.2399

■ 26.0451, 17.1091,
10.8106

■ 49.9757, 52.5223,
57.1635

■ 24.2801, 14.5804,
7.1351

■ 56.5156, 62.3107,
69.4902

■ 23.0351, 12.8344,
4.4266

■ 63.8645, 73.3341,
83.2673

■ 22.2527, 11.7796,
2.5935

■ 72.0486, 85.6331,
98.5400

■ 21.8359, 11.2455,
1.5314

■ 75.5483, 89.9465,
107.9873

Harmonies

Analogous

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



34.9425, 30.1207, 37.4305



34.9235, 30.1207, 28.3993



33.1363, 30.1207, 21.8815

Triad

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



34.9235, 30.1207, 28.3993



24.5088, 30.1207, 21.9812



27.1092, 30.1207, 52.7584

Complementary

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



34.9235, 30.1207, 28.3993



37.6520, 46.3561, 53.9791

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.



24.5498, 30.1207, 46.8446



34.9235, 30.1207, 28.3993



23.1255, 30.1207, 28.5614

Square

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



34.9235, 30.1207, 28.3993



27.0493, 30.1207, 18.6692



23.1400, 30.1207, 37.6253



30.2687, 30.1207, 52.6930

Rectangle

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



34.9235, 30.1207, 28.3993



31.2534, 30.1207, 19.3494



23.1400, 30.1207, 37.6253



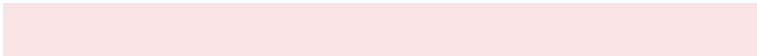
26.1554, 30.1207, 51.3621

Sweetspot

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



34.9243, 30.1221, 28.3999



81.1609, 81.1442, 85.7675



38.3387, 31.3216, 53.8943



17.1034, 16.9485, 17.8132



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.



34.9243, 30.1221, 28.3999



58.9869, 48.2404, 43.0951



38.1330, 37.1105, 27.7092



10.1076, 10.0917, 10.6574



14.7057, 7.5720, 1.0963



0.6477, 0.3321, 0.1120

Inverse Universe

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



34.9243, 30.1221, 28.3999



58.9869, 48.2404, 43.0951



33.4979, 37.1768, 55.2796



10.1076, 10.0917, 10.6574



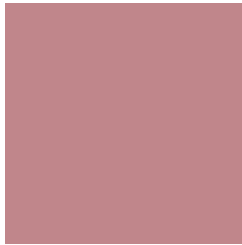
14.7057, 7.5720, 1.0963



0.6477, 0.3321, 0.1120

Previews

White Background



This preview shows how the XYZ color 34.9235, 30.1207, 28.3993 looks on a white background.

Color Contrast Check

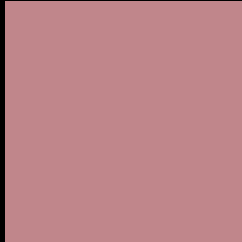
Large Text (above 18pt) WCAG AA × Fail

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 34.9235, 30.1207, 28.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

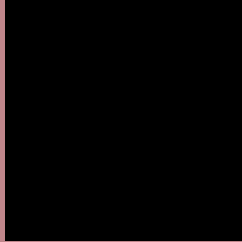
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9235, 30.1207, 28.3993

Background



This preview shows how black text looks on a background with the XYZ color 34.9235, 30.1207, 28.3993.



This preview shows how white text looks on a background with the XYZ color 34.9235, 30.1207,

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

34.9235, 30.1207, 28.3993

Protanopia

29.1508, 30.3738, 31.9301

Deuteranopia

30.8508, 30.1877, 27.8677



Tritanopia

35.0837, 29.9647, 29.9213

Trichromacy



Original Color

34.9235, 30.1207, 28.3993

Protanomaly

30.9437, 30.1756, 30.5791

Deuteranomaly

32.0970, 29.9383, 28.1317

Tritanomaly

35.0082, 29.9345, 29.5240

Monochromacy



Original Color

34.9235, 30.1207, 28.3993

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3282, 30.5729, 31.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9235, 30.1207, 28.3993 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(192, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(192, 134, 139)  
}
```

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(192, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 34.9235, 30.1207, 28.3993 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(192, 134, 139) }
```


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

```
.border{ border-color:rgb(192, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(192, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9235, 30.1207, 28.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 134, 139) }
```

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

```
.background{ background-color: rgb(192,  
134, 139) }
```

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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