

Converting Colors

XYZ(34.0807, 29.8854, 47.6883)

Have a look what the booklet for
XYZ(34.0807, 29.8854, 47.6883)
contains.

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Color

**XYZ(34.0807, 29.8854,
47.6883)**

Conversions

Conversions Part 1

Format	Color
Hex	AB89B5
RGB	171, 137, 181
RGB Percent	67%, 54%, 71%
CMY	0.3294, 0.4627, 0.2902
CMYK	0.06, 0.24, 0.00, 0.29
HSL	286°, 23%, 62%
HSV	286°, 24%, 71%
XYZ	34.0807, 29.8854, 47.6883
YIQ	152.1820, 6.1400, 20.8920

Conversions

Conversions Part 2

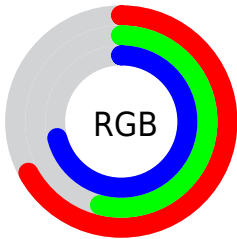
Format	Color
R_{YB}	171, 137, 181
Decimal	11241909
CIE _{Lab}	61.56, 20.93, -18.17
CIE _{LCh}	62, 27.714, 319.036
Yxy	29.8854, 0.3052, 0.2677
Android (android.graphics.Color)	4289431989 (0xFFAB89B5)
YUV	152.1820, 14.2073, 16.5034
Hunter-Lab	54.6675, 15.6118, -13.4533

Details

The XYZ color **34.0807, 29.8854, 47.6883** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0729, 41.0577, 29.8501**, and the grayscale version is **29.8630, 31.4182, 34.2145**.

A 20% lighter version of the original color is **65.5954, 59.7069, 88.1881**, and **14.7757, 12.2265, 22.0033** is the 20% darker color. If you saturate the color by 10%, you get **30.8385, 24.7102, 46.8607**, and if you desaturate by 10%, it is **37.7842, 35.9408, 48.6624**.

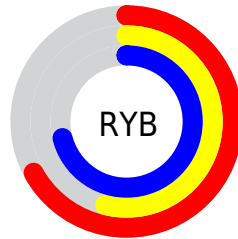
Distribution



Red (67%)

Green (54%)

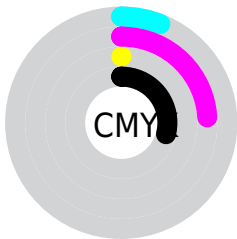
Blue (71%)



Red (67%)

Yellow (54%)

Blue (71%)

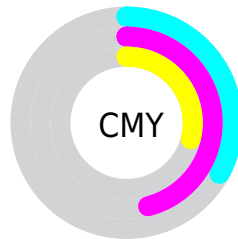


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0807, 29.8854, 47.6883 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 34.0807, 29.8854, 47.6883 by changing the saturation by 10% instead.

■ 34.0807, 29.8854,
47.6883

■ 34.0807, 29.8854,
47.6883

312.0713,
301.3699, 394.0283

■ 23.1188, 19.7516,
33.2219

■ 65.4026, 59.4809,
88.1008

■ 14.8024, 12.2146,
22.0240

■ 86.4933, 79.7114,
114.8840

■ 8.7662, 6.8900,
13.6760

■ 111.6910,
104.0763, 146.6099

■ 4.6449, 3.3934,
7.7595

141.3610,
132.9599, 183.6970

■ 2.0731, 1.3404,
3.8559

175.8686,
166.7467, 226.5638

■ 0.6745, 0.1722,
1.5466

215.5794,

■ 0.0000, 0.0000,

205.8210, 275.6290

0.2523

260.8585,
250.5673, 331.3110

■ 0.0000, 0.0000,
0.0000

■ 34.0807, 29.8854,
47.6883

■ 34.0807, 29.8854,
47.6883

■ 30.8385, 24.7102,
46.8607

■ 37.7842, 35.9408,
48.6624

■ 28.0332, 20.3682,
46.1705

■ 41.9666, 42.9126,
49.7876

■ 25.6419, 16.8137,
45.6104

■ 46.6478, 50.8399,
51.0710

■ 23.6388, 13.9952,
45.1720

■ 51.8457, 59.7581,
52.5185

■ 21.9948, 11.8549,
44.8455

■ 57.5773, 69.7010,
54.1355

■ 20.6763, 10.3262,
44.6199

■ 63.8589, 80.7007,
55.9276

■ 19.6429, 9.3288,
44.4819

■ 67.8660, 87.1077,
56.9531

■ 19.1328, 8.8998,
44.4260

■ 68.9781, 87.6811,
57.0052

■ 70.1201, 88.2698,
57.0586

Harmonies

Analogous

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



30.7722, 29.8854, 55.6582



34.0807, 29.8854, 47.6883



35.9206, 29.8854, 36.5420

Triad

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



34.0807, 29.8854, 47.6883



29.7702, 29.8854, 16.4445



22.2366, 29.8854, 39.5952

Complementary

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



34.0807, 29.8854, 47.6883



33.0729, 41.0577, 29.8501

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.



22.0187, 29.8854, 28.8416



34.0807, 29.8854, 47.6883



26.1628, 29.8854, 16.9165

Square

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



34.0807, 29.8854, 47.6883



33.2930, 29.8854, 19.5285



23.3976, 29.8854, 20.9965



24.0208, 29.8854, 50.3338

Rectangle

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



34.0807, 29.8854, 47.6883



35.9689, 29.8854, 29.4650



23.3976, 29.8854, 20.9965



21.9839, 29.8854, 35.8221

Sweetspot

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



34.0816, 29.8867, 47.6889



72.9675, 73.1771, 88.5734



29.1334, 29.6063, 47.8956



15.6745, 15.6550, 19.1178



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.0816, 29.8867, 47.6889



57.9317, 48.5351, 84.6095



35.1891, 30.5909, 41.7183



8.6574, 8.5474, 10.6999



13.2518, 6.1673, 30.6290



0.4634, 0.2180, 0.9659

Inverse Universe

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



33.2692, 29.8229, 31.6081



56.3148, 48.4514, 50.6555



32.2450, 40.5283, 34.4468



8.5729, 8.5359, 9.2491



13.4369, 6.8923, 2.1947



0.4451, 0.2258, 0.1865

Previews

White Background



This preview shows how the XYZ color 34.0807, 29.8854, 47.6883 looks on a white background.

Color Contrast Check

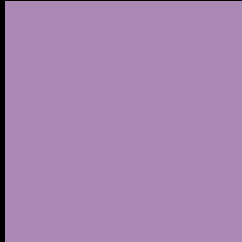
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0807, 29.8854, 47.6883 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 34.0807, 29.8854, 47.6883

Background



This preview shows how black text looks on a background with the XYZ color 34.0807, 29.8854, 47.6883.



This preview shows how white text looks on a background with the XYZ color 34.0807, 29.8854,

47.6883.

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

34.0807, 29.8854, 47.6883

Protanopia

30.1583, 29.9872, 51.7756

Deuteranopia

30.6283, 30.1083, 46.8450



Tritanopia

31.3591, 29.8614, 34.2480

Trichromacy



Original Color

34.0807, 29.8854, 47.6883

Protanomaly

31.3419, 29.7270, 49.9849

Deuteranomaly

31.7710, 30.0081, 47.2977

Tritanomaly

32.1374, 29.7253, 38.6941

Monochromacy



Original Color

34.0807, 29.8854, 47.6883

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.3427, 30.8827, 38.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0807, 29.8854, 47.6883 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(171, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 181)  
}
```

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(171, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 181) }
```

Border

The CSS property to change the border of an element to XYZ 34.0807, 29.8854, 47.6883 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(171, 137, 181) }
```


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

```
.border{ border-color:rgb(171, 137, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0807, 29.8854, 47.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 181) }
```

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

```
.background{ background-color: rgb(171,  
137, 181) }
```

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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