

Converting Colors

XYZ(34.6825, 29.7035, 26.8825)

Have a look what the booklet for
XYZ(34.6825, 29.7035, 26.8825)
contains.

XYZ(34.6168, 29.5893, 26.8085)	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(34.6168, 29.5893,
26.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	C18487
RGB	193, 132, 135
RGB Percent	76%, 52%, 53%
CMY	0.2431, 0.4823, 0.4706
CMYK	0.00, 0.32, 0.30, 0.24
HSL	357°, 33%, 64%
HSV	357°, 32%, 76%
XYZ	34.6168, 29.5893, 26.8085
YIQ	150.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

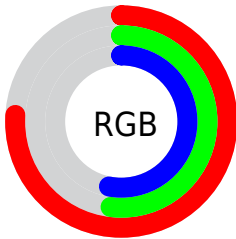
Format	Color
R_{YB}	193, 132, 135
Decimal	12682375
CIE Lab	61.30, 23.89, 7.92
CIE LCh	61, 25.166, 18.343
Yxy	29.5893, 0.3803, 0.3251
Android (android.graphics.Color)	4290872455 (0xFFC18487)
YUV	150.5810, -7.6814, 37.2015
Hunter-Lab	54.3960, 18.4015, 8.8568

Details

The XYZ color **34.6168, 29.5893, 26.8085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8813, 46.7639, 55.7475**, and the grayscale version is **29.2584, 30.7821, 33.5217**.

A 20% lighter version of the original color is **66.4197, 59.2579, 55.5142**, and **15.1382, 12.0937, 10.1308** is the 20% darker color. If you saturate the color by 10%, you get **31.0549, 24.3582, 19.7864**, and if you desaturate by 10%, it is **38.8872, 35.8807, 35.1662**.

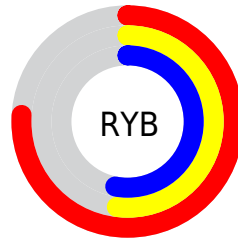
Distribution



Red (76%)

Green (52%)

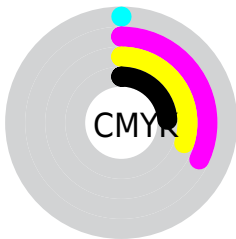
Blue (53%)



Red (76%)

Yellow (52%)

Blue (53%)

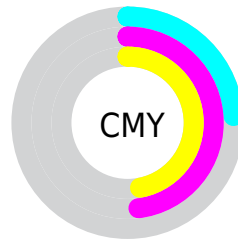


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6168, 29.5893, 26.8085 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 34.6168, 29.5893, 26.8085 by changing the saturation by 10% instead.

■ 34.6168, 29.5893,
26.8085

■ 34.6168, 29.5893,
26.8085

314.4114,
299.9854, 300.4595

■ 23.5330, 19.5271,
17.1983

■ 66.2296, 59.0121,
55.5764

■ 15.1104, 12.0517,
10.2125

■ 87.4894, 79.1414,
75.5712

■ 8.9837, 6.7789,
5.4326

■ 112.8718,
103.3952, 99.8646

■ 4.7876, 3.3242,
2.4401

142.7422,
132.1579, 128.8751

■ 2.1566, 1.3033,
0.8082

177.4660,
165.8139, 163.0213

■ 0.7197, 0.1437,
0.0000

217.4086,

■ 0.0000, 0.0000,

204.7475, 202.7218

0.0000

262.9353,
249.3432, 248.3950

■ 34.6168, 29.5893,
26.8085

■ 34.6168, 29.5893,
26.8085

■ 31.0549, 24.3582,
19.7864

■ 38.8872, 35.8807,
35.1662

■ 28.1610, 20.1250,
14.0292

■ 43.8989, 43.2816,
44.9219

■ 25.8941, 16.8275,
9.4620

■ 49.6858, 51.8436,
56.1361

■ 24.2077, 14.3947,
6.0016

■ 56.2788, 61.6134,
68.8652

■ 23.0489, 12.7457,
3.5541

■ 63.7072, 72.6356,
83.1628

■ 22.3550, 11.7839,
2.0097

■ 71.9987, 84.9521,
99.0797

■ 22.0443, 11.3583,
1.3027

■ 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



34.8382, 29.5893, 36.0479



34.6168, 29.5893, 26.8085



32.5758, 29.5893, 20.4149

Triad

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



34.6168, 29.5893, 26.8085



23.6260, 29.5893, 21.5455



26.8557, 29.5893, 53.6021

Complementary

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



34.6168, 29.5893, 26.8085



37.8813, 46.7639, 55.7475

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.



24.0970, 29.5893, 47.8683



34.6168, 29.5893, 26.8085



22.3327, 29.5893, 28.6689

Square

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



34.6168, 29.5893, 26.8085



26.1655, 29.5893, 17.8134



22.4981, 29.5893, 38.3096



30.1774, 29.5893, 52.8322

Rectangle

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



34.6168, 29.5893, 26.8085



30.5418, 29.5893, 18.0577



22.4981, 29.5893, 38.3096



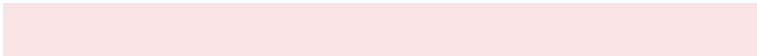
25.8368, 29.5893, 52.3318

Sweetspot

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



34.6176, 29.5907, 26.8091



81.0446, 81.0977, 85.1552



39.1005, 31.2950, 54.4320



17.0750, 16.9372, 17.6637



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.



34.6176, 29.5907, 26.8091



57.4100, 46.2517, 38.9772



38.6338, 37.9559, 27.1216



10.0928, 10.0857, 10.5793



14.6707, 7.5580, 0.9122



0.6409, 0.3294, 0.0766

Inverse Universe

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



34.6176, 29.5907, 26.8091



57.4100, 46.2517, 38.9772



32.6972, 35.8662, 55.6518



10.0928, 10.0857, 10.5793



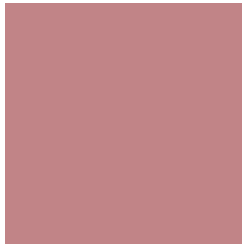
14.6707, 7.5580, 0.9122



0.6409, 0.3294, 0.0766

Previews

White Background



This preview shows how the XYZ color 34.6168, 29.5893, 26.8085 looks on a white background.

Color Contrast Check

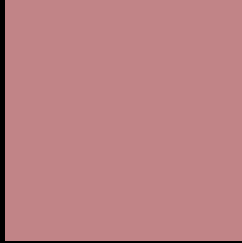
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6168, 29.5893, 26.8085 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 34.6168, 29.5893, 26.8085

Background



This preview shows how black text looks on a background with the XYZ color 34.6168, 29.5893, 26.8085.



This preview shows how white text looks on a background with the XYZ color 34.6168, 29.5893,

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

34.6168, 29.5893, 26.8085

Protanopia

28.4967, 29.8384, 30.2440

Deuteranopia

30.2045, 29.6632, 26.3239



Tritanopia

35.1722, 29.6250, 29.0637

Trichromacy



Original Color

34.6168, 29.5893, 26.8085

Protanomaly

30.3430, 29.4549, 28.8971

Deuteranomaly

31.6672, 29.5336, 26.5858

Tritanomaly

35.0246, 29.5660, 28.2869

Monochromacy



Original Color

34.6168, 29.5893, 26.8085

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8100, 30.0978, 30.9737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6168, 29.5893, 26.8085 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(193, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 135)  
}
```

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(193, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 135) }
```

Border

The CSS property to change the border of an element to XYZ 34.6168, 29.5893, 26.8085 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(193, 132, 135) }
```


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

```
.border{ border-color:rgb(193, 132, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6168, 29.5893, 26.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 135) }
```

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

```
.background{ background-color: rgb(193,  
132, 135) }
```

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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