

Converting Colors

XYZ(35.4602, 29.2379, 26.5512)

Have a look what the booklet for
XYZ(35.4602, 29.2379, 26.5512)
contains.

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Color

**XYZ(35.3810, 29.1934,
26.6918)**

Conversions

Conversions Part 1

Format	Color
Hex	C68087
RGB	198, 128, 135
RGB Percent	78%, 50%, 53%
CMY	0.2235, 0.4980, 0.4706
CMYK	0.00, 0.35, 0.32, 0.22
HSL	354°, 38%, 64%
HSV	354°, 35%, 78%
XYZ	35.3810, 29.1934, 26.6918
YIQ	149.7280, 39.4730, 17.0170

Conversions

Conversions Part 2

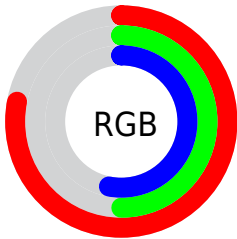
Format	Color
R_{YB}	198, 128, 135
Decimal	13009031
CIE _{Lab}	60.95, 27.99, 7.51
CIE _{LCh}	61, 28.977, 15.011
Yxy	29.1934, 0.3877, 0.3199
Android (android.graphics.Color)	4291199111 (0xFFC68087)
YUV	149.7280, -7.2609, 42.3345
Hunter-Lab	54.0309, 22.3328, 8.5318

Details

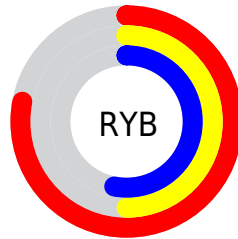
The XYZ color **35.3810, 29.1934, 26.6918** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5014, 48.7395, 56.6711**, and the grayscale version is **28.8930, 30.3977, 33.1030**.

A 20% lighter version of the original color is **67.0450, 58.3467, 55.3053**, and **15.5194, 11.8554, 10.0647** is the 20% darker color. If you saturate the color by 10%, you get **31.8944, 24.0629, 19.8487**, and if you desaturate by 10%, it is **39.5831, 35.4186, 34.8102**.

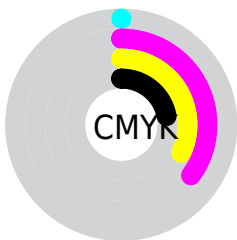
Distribution



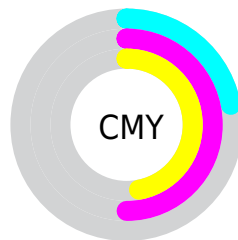
- Red (78%)
- Green (50%)
- Blue (53%)



- Red (78%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (22%)





- Cyan (22%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3810, 29.1934, 26.6918 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 35.3810, 29.1934, 26.6918 by changing the saturation by 10% instead.


 35.3810, 29.1934,
26.6918


 35.3810, 29.1934,
26.6918

317.7255,
298.1264, 299.8746

 24.1244, 19.2272,
17.1115

 67.4057, 58.3842,
55.3866

 15.5512, 11.8345,
10.1512


 88.9045, 78.3776,
75.3382

 9.2959, 6.6311,
5.3924


 114.5482,
102.4822, 99.5840

 4.9934, 3.2325,
2.4166

144.7019,
131.0823, 128.5425

 2.2781, 1.2543,
0.7954

179.7312,
164.5624, 162.6323

 0.7834, 0.1054,
0.0000

220.0013,

 0.0000, 0.0000,

203.3068, 202.2719

0.0000

265.8776,
247.7000, 247.8798

■ 35.3810, 29.1934,
26.6918

■ 35.3810, 29.1934,
26.6918

■ 31.8944, 24.0629,
19.8487

■ 39.5831, 35.4186,
34.8102

■ 29.0811, 19.9597,
14.2144

■ 44.5353, 42.7922,
44.2625

■ 26.8980, 16.8158,
9.7188

■ 50.2724, 51.3695,
55.1054

■ 25.2962, 14.5531,
6.2841

■ 56.8266, 61.2011,
67.3923

■ 24.2192, 13.0812,
3.8224

■ 64.2282, 72.3344,
81.1735

■ 23.5991, 12.2898,
2.2316

■ 72.5061, 84.8147,
96.4967

■ 23.4131, 12.0555,
1.7450

■ 77.0987, 90.7457,
108.0599

Harmonies

Analogous

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



35.3818, 29.1934, 37.4835



35.3810, 29.1934, 26.6918



33.2129, 29.1934, 19.2149

Triad

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



35.3810, 29.1934, 26.6918



22.9154, 29.1934, 19.2188



25.9087, 29.1934, 56.4484

Complementary

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



35.3810, 29.1934, 26.6918



38.5014, 48.7395, 56.6711

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.



22.9171, 29.1934, 48.9090



35.3810, 29.1934, 26.6918



21.2987, 29.1934, 26.6984

Square

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



35.3810, 29.1934, 26.6918



25.9062, 29.1934, 15.6153



21.2993, 29.1934, 37.4918



29.6739, 29.1934, 56.4455

Rectangle

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



35.3810, 29.1934, 26.6918



30.9344, 29.1934, 16.3995



21.2993, 29.1934, 37.4918



24.7872, 29.1934, 54.6479

Sweetspot

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



35.3818, 29.1948, 26.6924



82.9437, 81.8701, 86.1124



39.3989, 30.5934, 57.2545



17.4604, 17.0859, 17.8772



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.3818, 29.1948, 26.6924



58.0379, 44.8979, 38.2283



39.0743, 37.3424, 25.5723



10.6762, 10.6539, 11.2783



15.2411, 7.8460, 1.2136



0.7367, 0.3775, 0.1365

Inverse Universe

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



35.3818, 29.1948, 26.6924



58.0379, 44.8979, 38.2283



33.4710, 37.4171, 58.8841



10.6762, 10.6539, 11.2783



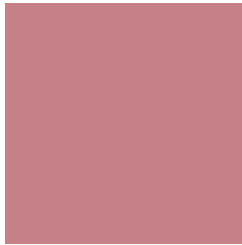
15.2411, 7.8460, 1.2136



0.7367, 0.3775, 0.1365

Previews

White Background



This preview shows how the XYZ color 35.3810, 29.1934, 26.6918 looks on a white background.

Color Contrast Check

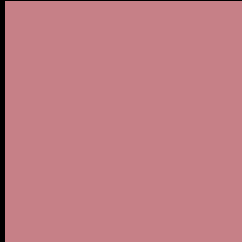
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3810, 29.1934, 26.6918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

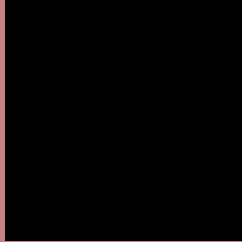
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3810, 29.1934, 26.6918

Background



This preview shows how black text looks on a background with the XYZ color 35.3810, 29.1934, 26.6918.



This preview shows how white text looks on a background with the XYZ color 35.3810, 29.1934,

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

35.3810, 29.1934, 26.6918

Protanopia

28.3071, 29.4911, 30.9885

Deuteranopia

29.7742, 29.2274, 25.9020



Tritanopia

35.5232, 29.2503, 27.4405

Trichromacy



Original Color

35.3810, 29.1934, 26.6918

Protanomaly

30.3343, 29.0041, 29.1989

Deuteranomaly

31.5394, 29.0498, 26.1352

Tritanomaly

35.4518, 29.2217, 27.0644

Monochromacy



Original Color

35.3810, 29.1934, 26.6918

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.7202, 29.6058, 30.8834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3810, 29.1934, 26.6918 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(198, 128, 135)` looks like.

```
.text, #text, p{  
    color:rgb(198, 128, 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(198, 128, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 128, 135) }
```

Border

The CSS property to change the border of an element to XYZ 35.3810, 29.1934, 26.6918 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(198, 128, 135) }
```


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

```
.border{ border-color:rgb(198, 128, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 128, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 128, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 128, 135);  
box-shadow:4px 4px 4px 4px rgb(198, 128,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3810, 29.1934, 26.6918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 128, 135) }
```

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

```
.background{ background-color: rgb(198,  
128, 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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