

Converting Colors

XYZ(35.1031, 29.1128, 23.8479)

Have a look what the booklet for
XYZ(35.1031, 29.1128, 23.8479)
contains.

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Color

**XYZ(35.1031, 29.1128,
23.8479)**

Conversions

Conversions Part 1

Format	Color
Hex	C7807F
RGB	199, 128, 127
RGB Percent	78%, 50%, 50%
CMY	0.2196, 0.4980, 0.5020
CMYK	0.00, 0.36, 0.36, 0.22
HSL	1°, 39%, 64%
HSV	1°, 36%, 78%
XYZ	35.1031, 29.1128, 23.8479
YIQ	149.1150, 42.6370, 14.7410

Conversions

Conversions Part 2

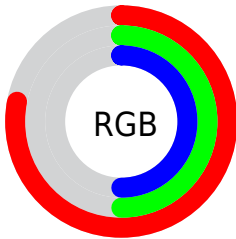
Format	Color
RYB	199, 128, 127
Decimal	13074559
CIELab	60.88, 27.35, 12.00
CIELCh	61, 29.865, 23.683
Yxy	29.1128, 0.3986, 0.3306
Android (android.graphics.Color)	4291264639 (0xFFC7807F)
YUV	149.1150, -10.9027, 43.7491
Hunter-Lab	53.9563, 21.7058, 11.5641

Details

The XYZ color **35.1031, 29.1128, 23.8479** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2543, 49.0216, 61.4259**, and the grayscale version is **28.6481, 30.1400, 32.8225**.

A 20% lighter version of the original color is **66.0021, 57.6030, 50.8198**, and **15.4272, 11.8385, 8.6797** is the 20% darker color. If you saturate the color by 10%, you get **31.6154, 24.0119, 16.9063**, and if you desaturate by 10%, it is **39.3435, 35.3088, 32.3047**.

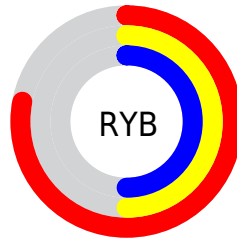
Distribution



Red (78%)

Green (50%)

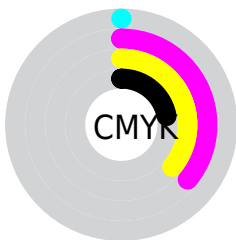
Blue (50%)



Red (78%)

Yellow (50%)

Blue (50%)

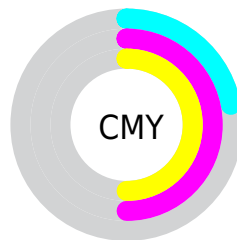


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1031, 29.1128, 23.8479 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 35.1031, 29.1128, 23.8479 by changing the saturation by 10% instead.


 35.1031, 29.1128,
23.8479


 35.1031, 29.1128,
23.8479


316.5232,
297.7468, 285.3124


 23.9092, 19.1662,
15.0097


 66.9784, 58.2563,
50.7226

 15.3906, 11.7904,
8.6795


 88.3906, 78.2219,
69.5961

 9.1821, 6.6011,
4.4388


 113.9395,
102.2959, 92.6519

 4.9182, 3.2139,
1.8690

143.9905,
130.8628, 120.3084

 2.2336, 1.2444,
0.4729

178.9091,
164.3070, 152.9841

 0.7604, 0.0975,
0.0000

219.0605,

 0.0000, 0.0000,

203.0128, 191.0977

0.0000

264.8101,
247.3646, 235.0676

■ 35.1031, 29.1128,
23.8479

■ 35.1031, 29.1128,
23.8479

■ 31.6154, 24.0119,
16.9063

■ 39.3435, 35.3088,
32.3047

■ 28.8342, 19.9385,
11.3888

■ 44.3744, 42.6540,
42.3571

■ 26.7120, 16.8243,
7.1972

■ 50.2341, 51.2038,
54.0818

■ 25.1944, 14.5906,
4.2203

■ 56.9575, 61.0089,
67.5499

■ 24.2184, 13.1467,
2.3287

■ 64.5777, 72.1171,
82.8288

■ 23.7063, 12.3817,
1.3587

■ 73.1259, 84.5738,
99.9820

■ 23.5833, 12.2024,
1.1123

■ 77.3631, 90.8821,
108.0723

Harmonies

Analogous

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



35.7927, 29.1128, 34.1152



35.1031, 29.1128, 23.8479



32.3424, 29.1128, 17.3793

Triad

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



35.1031, 29.1128, 23.8479



22.0699, 29.1128, 20.6273



26.8558, 29.1128, 58.1197

Complementary

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



35.1031, 29.1128, 23.8479



39.2543, 49.0216, 61.4259

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.



23.4723, 29.1128, 52.2868



35.1031, 29.1128, 23.8479



20.8811, 29.1128, 29.3995

Square

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



35.1031, 29.1128, 23.8479



24.7732, 29.1128, 15.8475



21.3695, 29.1128, 41.1077



30.7860, 29.1128, 55.6473

Rectangle

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



35.1031, 29.1128, 23.8479



29.8264, 29.1128, 15.2618



21.3695, 29.1128, 41.1077



25.6218, 29.1128, 57.0288

Sweetspot

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



35.1039, 29.1142, 23.8485



82.6608, 81.9284, 84.0939



41.4514, 31.4446, 57.9174



17.3937, 17.0996, 17.4011



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.



35.1039, 29.1142, 23.8485



56.7929, 44.1452, 32.4573



40.4812, 39.8690, 25.6409



10.6455, 10.6602, 11.0593



15.1700, 7.8571, 0.7170



0.7225, 0.3805, 0.0354

Inverse Universe

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



39.2543, 49.0216, 61.4259



65.0627, 83.8194, 107.3573



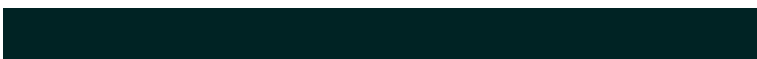
32.1586, 34.8302, 59.0607



10.9336, 12.0412, 13.6654



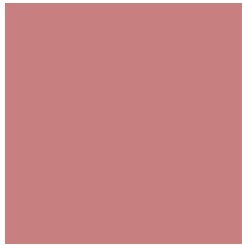
19.3602, 28.1144, 39.1506



0.9209, 1.3395, 1.8552

Previews

White Background



This preview shows how the XYZ color 35.1031, 29.1128, 23.8479 looks on a white background.

Color Contrast Check

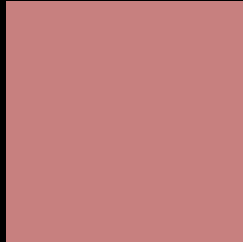
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1031, 29.1128, 23.8479 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 35.1031, 29.1128, 23.8479

Background



This preview shows how black text looks on a background with the XYZ color 35.1031, 29.1128, 23.8479.



This preview shows how white text looks on a background with the XYZ color 35.1031, 29.1128,

23.8479.

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

35.1031, 29.1128, 23.8479

Protanopia

27.8980, 29.3490, 27.8614

Deuteranopia

29.9522, 29.3727, 23.4929



Tritanopia

35.8527, 29.2357, 27.0460

Trichromacy



Original Color

35.1031, 29.1128, 23.8479

Protanomaly

29.9739, 28.8846, 26.1858

Deuteranomaly

31.7676, 29.2214, 23.7046

Tritanomaly

35.6424, 29.1516, 25.9386

Monochromacy



Original Color

35.1031, 29.1128, 23.8479

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.2689, 29.1883, 29.2379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1031, 29.1128, 23.8479 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(199, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(199, 128, 127)  
}
```

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(199, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.1031, 29.1128, 23.8479 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(199, 128, 127) }
```


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

```
.border{ border-color:rgb(199, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 128, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 128, 127); box-shadow:4px 4px 4px 4px rgb(199, 128, 127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1031, 29.1128, 23.8479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 128, 127) }
```

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

```
.background{ background-color: rgb(199,  
128, 127) }
```

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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