

Converting Colors

XYZ(38.0898, 29.2132, 29.6178)

Have a look what the booklet for
XYZ(38.0898, 29.2132, 29.6178)
contains.

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Color

**XYZ(38.0898, 29.2132,
29.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	D1798F
RGB	209, 121, 143
RGB Percent	82%, 47%, 56%
CMY	0.1804, 0.5255, 0.4392
CMYK	0.00, 0.42, 0.32, 0.18
HSL	345°, 49%, 65%
HSV	345°, 42%, 82%
XYZ	38.0898, 29.2132, 29.6178
YIQ	149.8200, 45.3860, 25.4980

Conversions

Conversions Part 2

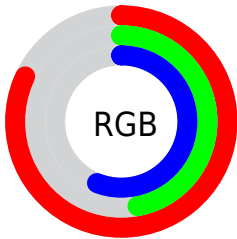
Format	Color
R _Y B	209, 121, 143
Decimal	13728143
CIE Lab	60.97, 36.87, 3.12
CIE LCh	61, 37.000, 4.836
Yxy	29.2132, 0.3930, 0.3014
Android (android.graphics.Color)	4291918223 (0xFFD1798F)
YUV	149.8200, -3.3623, 51.9009
Hunter-Lab	54.0492, 31.2071, 5.3448

Details

The XYZ color **38.0898, 29.2132, 29.6178** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.6566, 53.2544, 55.2054**, and the grayscale version is **28.9142, 30.4200, 33.1274**.

A 20% lighter version of the original color is **66.6480, 55.9512, 60.1102**, and **17.1148, 11.8460, 11.7404** is the 20% darker color. If you saturate the color by 10%, you get **34.7139, 24.2307, 23.0373**, and if you desaturate by 10%, it is **42.1835, 35.3652, 37.2569**.

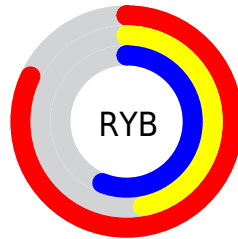
Distribution



Red (82%)

Green (47%)

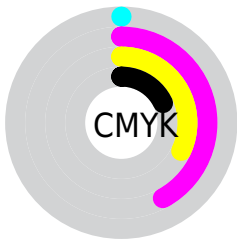
Blue (56%)



Red (82%)

Yellow (47%)

Blue (56%)

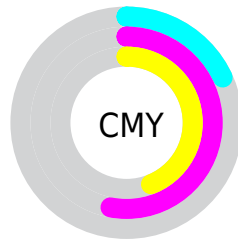


Cyan (0%)

Magenta (42%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0898, 29.2132, 29.6178 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 38.0898, 29.2132, 29.6178 by changing the saturation by 10% instead.


 38.0898, 29.2132,
29.6178


 38.0898, 29.2132,
29.6178


329.2792,
298.2196, 314.2705


 26.2299, 19.2422,
19.2991


 71.5488, 58.4156,
60.1111

 17.1293, 11.8454,
11.7076


 93.8786, 78.4158,
81.1227

 10.4226, 6.6385,
6.4248


 120.4291,
102.5279, 106.5357

 5.7445, 3.2371,
3.0321

151.5656,
131.1362, 136.7687

 2.7295, 1.2567,
1.1111

187.6535,
164.6251, 172.2401

 1.0124, 0.1073,
0.0000

229.0582,

 0.0000, 0.0000,

203.3790, 213.3685

0.0000

276.1450,
247.7824, 260.5725

■ 38.0898, 29.2132,
29.6178

■ 38.0898, 29.2132,
29.6178

■ 34.7139, 24.2307,
23.0373

■ 42.1835, 35.3652,
37.2569

■ 32.0105, 20.3391,
17.4658

■ 47.0317, 42.7505,
45.9977

■ 29.9332, 17.4564,
12.8517


■ 52.6713, 51.4331,
55.8829


■ 28.4278, 15.4875,
9.1383


■ 59.1363, 61.4714,
66.9526


■ 27.4306, 14.3184,
6.2618

■ 66.4585, 72.9203,
79.2446

 26.9199, 13.8055,
4.5234

 74.6681, 85.8316,
92.7952

 79.7414, 92.1501,
106.2883

 80.1046, 92.2953,
108.2006

Harmonies

Analogous

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



37.0517, 29.2132, 44.5155



38.0898, 29.2132, 29.6178



36.1106, 29.2132, 18.9026

Triad

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



38.0898, 29.2132, 29.6178



22.7906, 29.2132, 14.5869



24.0004, 29.2132, 62.4762

Complementary

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



38.0898, 29.2132, 29.6178



39.6566, 53.2544, 55.2054

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.



20.8179, 29.2132, 49.5547



38.0898, 29.2132, 29.6178



20.1783, 29.2132, 21.7833

Square

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



38.0898, 29.2132, 29.6178



26.9905, 29.2132, 11.9806



19.5001, 29.2132, 34.1040



28.5567, 29.2132, 66.3660

Rectangle

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



38.0898, 29.2132, 29.6178



33.4675, 29.2132, 14.6391



19.5001, 29.2132, 34.1040



22.7523, 29.2132, 58.8922

Sweetspot

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



38.0906, 29.2146, 29.6184



81.6235, 79.1437, 85.9375



38.8406, 28.8445, 63.8422



17.0309, 16.2611, 17.6285



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.



38.0906, 29.2146, 29.6184



54.6922, 38.3646, 36.6260



39.5692, 34.5821, 22.6804



11.9282, 11.8560, 12.8979



16.6315, 8.5255, 2.9659



0.9624, 0.4897, 0.3367

Inverse Universe

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



38.0906, 29.2146, 29.6184



54.6922, 38.3646, 36.6260



37.1652, 44.2101, 66.8963



11.9282, 11.8560, 12.8979



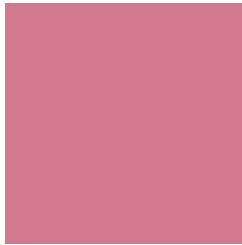
16.6315, 8.5255, 2.9659



0.9624, 0.4897, 0.3367

Previews

White Background



This preview shows how the XYZ color 38.0898, 29.2132, 29.6178 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 38.0898, 29.2132, 29.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

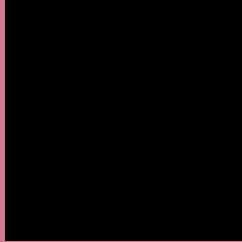
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.0898, 29.2132, 29.6178

Background



This preview shows how black text looks on a background with the XYZ color 38.0898, 29.2132, 29.6178.



This preview shows how white text looks on a background with the XYZ color 38.0898, 29.2132,

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

38.0898, 29.2132, 29.6178

Protanopia

28.6379, 29.5391, 36.5400

Deuteranopia

29.9997, 29.5083, 28.5406



Tritanopia

37.2602, 29.2418, 25.5102

Trichromacy



Original Color

38.0898, 29.2132, 29.6178

Protanomaly

31.4158, 29.0229, 34.0832

Deuteranomaly

32.4537, 29.0452, 28.7067

Tritanomaly

37.4159, 29.1065, 26.9386

Monochromacy



Original Color

38.0898, 29.2132, 29.6178

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.2937, 29.2297, 31.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0898, 29.2132, 29.6178 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(209, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(209, 121, 143)  
}
```

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(209, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 121, 143) }
```

Border

The CSS property to change the border of an element to XYZ 38.0898, 29.2132, 29.6178 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(209, 121, 143) }
```


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

```
.border{ border-color:rgb(209, 121, 143) }
```

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

Here you see how a box with a 4 pixel rgb(209, 121, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(209, 121,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0898, 29.2132, 29.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 121, 143) }
```

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

```
.background{ background-color: rgb(209,  
121, 143) }
```

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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