

Converting Colors

XYZ(38.2923, 31.4593, 28.0988)

Have a look what the booklet for
XYZ(38.2923, 31.4593, 28.0988)
contains.

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Color

**XYZ(38.2923, 31.4593,
28.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	CE848A
RGB	206, 132, 138
RGB Percent	81%, 52%, 54%
CMY	0.1922, 0.4823, 0.4588
CMYK	0.00, 0.36, 0.33, 0.19
HSL	355°, 43%, 66%
HSV	355°, 36%, 81%
XYZ	38.2923, 31.4593, 28.0988
YIQ	154.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

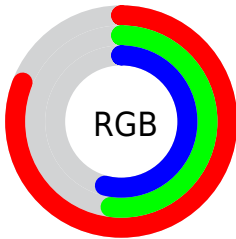
Format	Color
R_{YB}	206, 132, 138
Decimal	13534346
CIE _{Lab}	62.89, 29.23, 8.69
CIE _{LCh}	63, 30.491, 16.560
Yxy	31.4593, 0.3913, 0.3215
Android (android.graphics.Color)	4291724426 (0xFFCE848A)
YUV	154.8100, -8.2873, 44.8936
Hunter-Lab	56.0886, 23.7089, 9.5594

Details

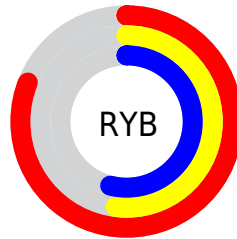
The XYZ color **38.2923, 31.4593, 28.0988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0137, 53.2190, 62.7043**, and the grayscale version is **31.0949, 32.7142, 35.6258**.

A 20% lighter version of the original color is **68.2029, 60.1394, 57.3036**, and **17.2816, 13.0735, 10.8451** is the 20% darker color. If you saturate the color by 10%, you get **34.5164, 25.9130, 20.6574**, and if you desaturate by 10%, it is **42.8604, 38.2073, 36.9836**.

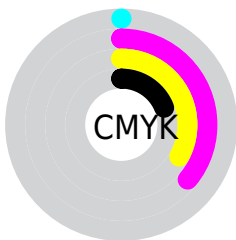
Distribution



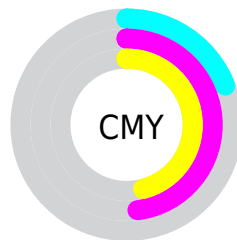
- Red (81%)
- Green (52%)
- Blue (54%)



- Red (81%)
- Yellow (52%)
- Blue (54%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (19%)





- Cyan (19%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2923, 31.4593, 28.0988 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 38.2923, 31.4593, 28.0988 by changing the saturation by 10% instead.


 38.2923, 31.4593,
28.0988


 38.2923, 31.4593,
28.0988


330.1314,
308.6488, 306.8655


 26.3879, 20.9488,
18.1605


 71.8570, 61.9625,
57.6671

 17.2482, 13.0866,
10.8946


 94.2479, 82.7240,
78.1342

 10.5080, 7.4882,
5.8827


 120.8650,
107.6713, 102.9480

 5.8019, 3.7693,
2.7063

152.0737,
137.1888, 132.5269

 2.7645, 1.5453,
0.9466

188.2394,
171.6609, 167.2896

 1.0305, 0.3203,
0.0000

229.7273,

 0.0000, 0.0000,

211.4720, 207.6546

0.0000

276.9029,
257.0065, 254.0403

■ 38.2923, 31.4593,
28.0988

■ 38.2923, 31.4593,
28.0988

■ 34.5164, 25.9130,
20.6574

■ 42.8604, 38.2073,
36.9836

■ 31.4851, 21.4936,
14.5812

■ 48.2595, 46.2170,
47.3803

■ 29.1497, 18.1251,
9.7878

■ 54.5291, 55.5496,
59.3556

■ 27.4546, 15.7203,
6.1848

■ 61.7054, 66.2614,
72.9714

■ 26.3356, 14.1778,
3.6676

■ 69.8223, 78.4051,
88.2865

■ 25.7141, 13.3720,
2.1128

■ 78.7188, 91.6439,
105.2920

■ 25.5524, 13.1613,
1.7114

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



38.4261, 31.4593, 39.8915



38.2923, 31.4593, 28.0988



35.7795, 31.4593, 20.1027

Triad

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



38.2923, 31.4593, 28.0988



24.4329, 31.4593, 20.7309



28.0704, 31.4593, 61.8979

Complementary

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



38.2923, 31.4593, 28.0988



42.0137, 53.2190, 62.7043

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.



24.7046, 31.4593, 53.8497



38.2923, 31.4593, 28.0988



22.7406, 31.4593, 29.1740

Square

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



38.2923, 31.4593, 28.0988



27.6667, 31.4593, 16.5785



22.8351, 31.4593, 41.2478



32.2527, 31.4593, 61.4174

Rectangle

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



38.2923, 31.4593, 28.0988



33.2161, 31.4593, 17.1681



22.8351, 31.4593, 41.2478



26.8144, 31.4593, 60.0327

Sweetspot

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



38.2931, 31.4608, 28.0994



82.8694, 81.8404, 85.7211



43.1677, 33.2167, 62.5289



17.4429, 17.0789, 17.7848



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.



38.2931, 31.4608, 28.0994



57.2713, 43.9589, 36.1408



42.6870, 40.9243, 27.4811



11.2486, 11.2282, 11.8438



15.7490, 8.1102, 1.1308



0.8256, 0.4236, 0.1273

Inverse Universe

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



38.2931, 31.4608, 28.0994



57.2713, 43.9589, 36.1408



36.0200, 40.0880, 64.2319



11.2486, 11.2282, 11.8438



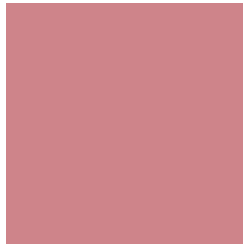
15.7490, 8.1102, 1.1308



0.8256, 0.4236, 0.1273

Previews

White Background



This preview shows how the XYZ color 38.2923, 31.4593, 28.0988 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 38.2923, 31.4593, 28.0988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

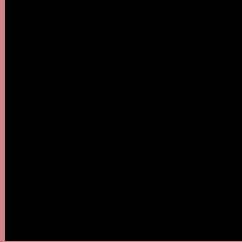
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2923, 31.4593, 28.0988

Background



This preview shows how black text looks on a background with the XYZ color 38.2923, 31.4593, 28.0988.



This preview shows how white text looks on a background with the XYZ color 38.2923, 31.4593,

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

38.2923, 31.4593, 28.0988

Protanopia

30.3634, 31.6943, 32.9511

Deuteranopia

32.2625, 31.6154, 27.3236



Tritanopia

38.3776, 31.2775, 29.2137

Trichromacy



Original Color

38.2923, 31.4593, 28.0988

Protanomaly

32.6918, 31.2938, 31.1053

Deuteranomaly

34.3666, 31.5627, 27.5734

Tritanomaly

38.3035, 31.2479, 28.8236

Monochromacy



Original Color

38.2923, 31.4593, 28.0988

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.3141, 32.0360, 32.8615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2923, 31.4593, 28.0988 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(206, 132, 138)` looks like.

```
.text, #text, p{  
    color:rgb(206, 132, 138)  
}
```

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(206, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 132, 138) }
```

Border

The CSS property to change the border of an element to XYZ 38.2923, 31.4593, 28.0988 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(206, 132, 138) }
```


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

```
.border{ border-color:rgb(206, 132, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 132, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 132, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 132, 138); box-shadow:4px 4px 4px 4px rgb(206, 132, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2923, 31.4593, 28.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 132, 138) }
```

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

```
.background{ background-color: rgb(206,  
132, 138) }
```

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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