

Converting Colors

XYZ(38.8418, 34.0472, 30.2898)

Have a look what the booklet for
XYZ(38.8418, 34.0472, 30.2898)
contains.

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Color

**XYZ(38.7923, 34.0154,
30.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	C98F8E
RGB	201, 143, 142
RGB Percent	79%, 56%, 56%
CMY	0.2118, 0.4392, 0.4431
CMYK	0.00, 0.29, 0.29, 0.21
HSL	1°, 35%, 67%
HSV	1°, 29%, 79%
XYZ	38.7923, 34.0154, 30.1122
YIQ	160.2280, 34.8890, 11.9850

Conversions

Conversions Part 2

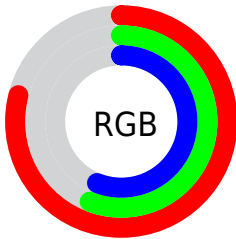
Format	Color
R _Y B	201, 143, 142
Decimal	13209486
CIE Lab	64.97, 21.86, 9.31
CIE LCh	65, 23.755, 23.068
Yxy	34.0154, 0.3769, 0.3305
Android (android.graphics.Color)	4291399566 (0xFFC98F8E)
YUV	160.2280, -8.9864, 35.7570
Hunter-Lab	58.3227, 16.6613, 10.2143

Details

The XYZ color **38.7923, 34.0154, 30.1122** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3515, 51.2746, 62.9232**, and the grayscale version is **33.5484, 35.2956, 38.4369**.

A 20% lighter version of the original color is **71.1701, 65.1780, 61.0541**, and **17.6130, 14.5380, 12.0030** is the 20% darker color. If you saturate the color by 10%, you get **34.7078, 28.0475, 21.9646**, and if you desaturate by 10%, it is **43.6732, 41.1401, 39.8685**.

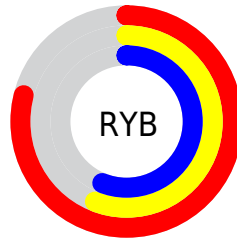
Distribution



Red (79%)

Green (56%)

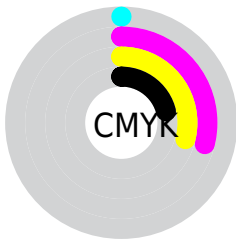
Blue (56%)



Red (79%)

Yellow (56%)

Blue (56%)

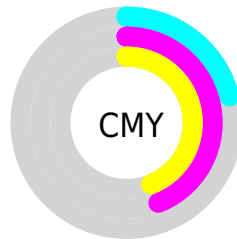


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7923, 34.0154, 30.1122 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 38.7923, 34.0154, 30.1122 by changing the saturation by 10% instead.


 38.7923, 34.0154,
30.1122


 38.7923, 34.0154,
30.1122


332.2290,
320.2007, 316.6507


 26.7782, 22.9054,
19.6710

 72.6170, 65.9576,
60.9027

 17.5424, 14.5237,
11.9744


 95.1583, 87.5587,
82.0890

 10.7197, 8.4858,
6.6039


 121.9394,
113.4255, 107.6942

 5.9446, 4.4073,
3.1410

153.3257,
143.9426, 138.1366

 2.8517, 1.9039,
1.1671

189.6824,
179.4942, 173.8350

 1.0758, 0.5507,
0.0000

231.3749,

 0.0048, 0.0000,

220.4649, 215.2077

0.0000

278.7687,
267.2389, 262.6735

■ 0.0000, 0.0000,
0.0000

■ 38.7923, 34.0154,
30.1122

■ 38.7923, 34.0154,
30.1122

■ 34.7078, 28.0475,
21.9646

■ 43.6732, 41.1401,
39.8685

■ 31.3749, 23.1710,
15.3375

■ 49.3866, 49.4729,
51.3112

■ 28.7486, 19.3212,
10.1373

■ 55.9698, 59.0681,
64.5155

■ 26.7779, 16.4248,
6.2592

■ 63.4571, 69.9751,
79.5514

■ 25.4052, 14.3986,
3.5842

■ 71.8809, 82.2406,
96.4850

■ 24.5627, 13.1455,
1.9718

■ 77.8974, 91.1575,
108.0973

■ 24.1456, 12.5224,
1.1818

■ 24.1246, 12.4918,
1.1396

Harmonies

Analogous

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



39.3364, 34.0154, 39.3659



38.7923, 34.0154, 30.1122



36.4615, 34.0154, 23.8870

Triad

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



38.7923, 34.0154, 30.1122



27.3358, 34.0154, 26.7991



31.5404, 34.0154, 59.1528

Complementary

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



38.7923, 34.0154, 30.1122



42.3515, 51.2746, 62.9232

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.



28.5241, 34.0154, 54.2977



38.7923, 34.0154, 30.1122



26.2104, 34.0154, 34.8018

Square

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



38.7923, 34.0154, 30.1122



29.8124, 34.0154, 22.2240



26.6295, 34.0154, 44.9495



34.9868, 34.0154, 57.2959

Rectangle

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



38.7923, 34.0154, 30.1122



34.2915, 34.0154, 21.7352



26.6295, 34.0154, 44.9495



30.4460, 34.0154, 58.2267

Sweetspot

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



38.7932, 34.0170, 30.1129



84.7934, 85.0506, 88.3285



44.1879, 35.9347, 59.2610



17.8196, 17.7236, 18.2452



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.



38.7932, 34.0170, 30.1129



61.9681, 51.7401, 42.6770



43.8148, 44.0601, 31.7867



10.6481, 10.6653, 11.0602



15.1754, 7.8680, 0.7188



0.7237, 0.3829, 0.0358

Inverse Universe

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



42.3515, 51.2746, 62.9232



69.0008, 85.8546, 107.5426



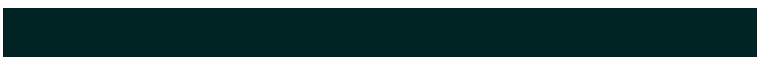
36.1700, 38.9117, 60.8627



10.9307, 12.0354, 13.6644



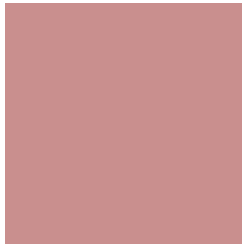
19.2730, 27.9398, 39.1215



0.9176, 1.3331, 1.8541

Previews

White Background



This preview shows how the XYZ color 38.7923, 34.0154, 30.1122 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 38.7923, 34.0154, 30.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

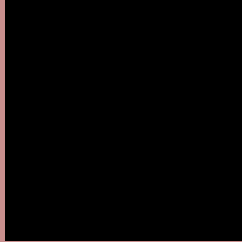
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7923, 34.0154, 30.1122

Background



This preview shows how black text looks on a background with the XYZ color 38.7923, 34.0154, 30.1122.



This preview shows how white text looks on a background with the XYZ color 38.7923, 34.0154,

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

38.7923, 34.0154, 30.1122

Protanopia

32.6662, 34.1025, 33.7149

Deuteranopia

34.7843, 34.0532, 29.5505



Tritanopia

39.5495, 33.8733, 34.1595

Trichromacy



Original Color

38.7923, 34.0154, 30.1122

Protanomaly

34.6262, 33.9102, 32.3241

Deuteranomaly

36.2942, 34.1093, 29.8702

Tritanomaly

39.3754, 34.0407, 32.5122

Monochromacy



Original Color

38.7923, 34.0154, 30.1122

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.9846, 34.5251, 34.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7923, 34.0154, 30.1122 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(201, 143, 142)` looks like.

```
.text, #text, p{  
    color:rgb(201, 143, 142)  
}
```

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(201, 143, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 143, 142) }
```

Border

The CSS property to change the border of an element to XYZ 38.7923, 34.0154, 30.1122 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(201, 143, 142) }
```


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

```
.border{ border-color:rgb(201, 143, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 143, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 143, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 143, 142);  
box-shadow:4px 4px 4px 4px rgb(201, 143,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7923, 34.0154, 30.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 143, 142) }
```

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

```
.background{ background-color: rgb(201,  
143, 142) }
```

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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