

Converting Colors

XYZ(38.8514, 31.4686, 28.3509)

Have a look what the booklet for
XYZ(38.8514, 31.4686, 28.3509)
contains.

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Color

**XYZ(38.7889, 31.5066,
28.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	D0838B
RGB	208, 131, 139
RGB Percent	82%, 51%, 55%
CMY	0.1843, 0.4863, 0.4549
CMYK	0.00, 0.37, 0.33, 0.18
HSL	354°, 45%, 66%
HSV	354°, 37%, 82%
XYZ	38.7889, 31.5066, 28.4631
YIQ	154.9350, 43.3240, 18.8120

Conversions

Conversions Part 2

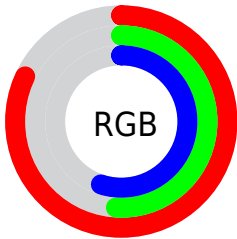
Format	Color
R _Y B	208, 131, 139
Decimal	13665163
CIE Lab	62.93, 30.65, 8.21
CIE LCh	63, 31.727, 14.999
Yxy	31.5066, 0.3928, 0.3190
Android (android.graphics.Color)	4291855243 (0xFFD0838B)
YUV	154.9350, -7.8560, 46.5380
Hunter-Lab	56.1307, 25.1228, 9.2264

Details

The XYZ color **38.7889, 31.5066, 28.4631** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.3427, 54.1078, 62.8586**, and the grayscale version is **31.1480, 32.7701, 35.6867**.

A 20% lighter version of the original color is **68.1034, 59.7637, 57.8153**, and **17.4343, 13.0379, 11.0489** is the 20% darker color. If you saturate the color by 10%, you get **35.0227, 25.9710, 21.0514**, and if you desaturate by 10%, it is **43.3498, 38.2596, 37.2861**.

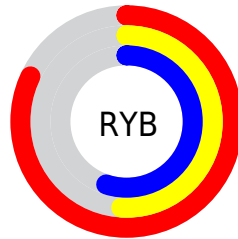
Distribution



Red (82%)

Green (51%)

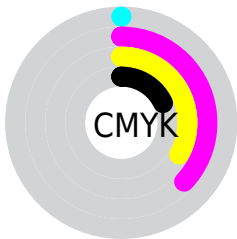
Blue (55%)



Red (82%)

Yellow (51%)

Blue (55%)

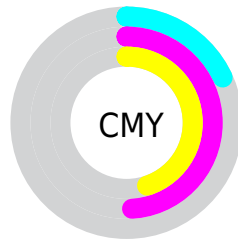


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (18%)



Cyan (18%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7889, 31.5066, 28.4631 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 38.7889, 31.5066, 28.4631 by changing the saturation by 10% instead.


 38.7889, 31.5066,
28.4631


 38.7889, 31.5066,
28.4631


332.2148,
308.8655, 308.6545


 26.7755, 20.9849,
18.4330


 72.6119, 62.0368,
58.2549

 17.5404, 13.1130,
11.0886


 95.1522, 82.8141,
78.8537

 10.7182, 7.5064,
6.0116


 121.9321,
107.7787, 103.8124

 5.9436, 3.7808,
2.7832

153.3172,
137.3150, 133.5497

 2.8511, 1.5517,
0.9850

189.6726,
171.8075, 168.4840

 1.0755, 0.3247,
0.0000

231.3638,

 0.0045, 0.0000,

211.6404, 209.0338

0.0000

278.7560,
257.1983, 255.6178

■ 0.0000, 0.0000,
0.0000

■ 38.7889, 31.5066,
28.4631

■ 38.7889, 31.5066,
28.4631

■ 35.0227, 25.9710,
21.0514

■ 43.3498, 38.2596,
37.2861

■ 32.0031, 21.5761,
14.9758

■ 48.7448, 46.2918,
47.5864

■ 29.6808, 18.2436,
10.1570

■ 55.0136, 55.6660,
59.4281

■ 27.9994, 15.8831,
6.5065

■ 62.1927, 66.4399,
72.8712

■ 26.8937, 14.3897,
3.9243

■ 70.3165, 78.6674,
87.9722

■ 26.2795, 13.6245,
2.2914

■ 79.1600, 91.8849,
104.6991

■ 26.1534, 13.4663,
1.9598

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



38.7888, 31.5066, 40.8977



38.7889, 31.5066, 28.4631



36.2691, 31.5066, 19.9833

Triad

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



38.7889, 31.5066, 28.4631



24.4044, 31.5066, 19.9829



27.8296, 31.5066, 63.0904

Complementary

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



38.7889, 31.5066, 28.4631



42.3427, 54.1078, 62.8586

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.



24.4042, 31.5066, 54.2205



38.7889, 31.5066, 28.4631



22.5611, 31.5066, 28.4624

Square

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



38.7889, 31.5066, 28.4631



27.8299, 31.5066, 15.9572



22.5610, 31.5066, 40.8968



32.1669, 31.5066, 63.0907

Rectangle

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



38.7889, 31.5066, 28.4631



33.6280, 31.5066, 16.8316



22.5610, 31.5066, 40.8968



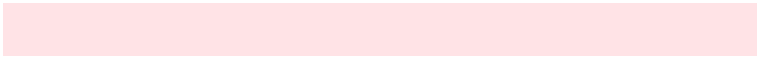
26.5432, 31.5066, 60.9675

Sweetspot

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



38.7897, 31.5081, 28.4637



82.9591, 81.8763, 86.1932



43.0600, 32.9327, 63.7616



17.4641, 17.0873, 17.8963



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.



38.7897, 31.5081, 28.4637



56.9029, 43.1931, 36.1072



42.7707, 40.3711, 27.0129



11.8579, 11.8279, 12.5276



16.3173, 8.3998, 1.3114



0.9297, 0.4766, 0.1647

Inverse Universe

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



38.7897, 31.5081, 28.4637



56.9029, 43.1931, 36.1072



36.7633, 41.4141, 65.7306



11.8579, 11.8279, 12.5276



16.3173, 8.3998, 1.3114



0.9297, 0.4766, 0.1647

Previews

White Background



This preview shows how the XYZ color 38.7889, 31.5066, 28.4631 looks on a white background.

Color Contrast Check

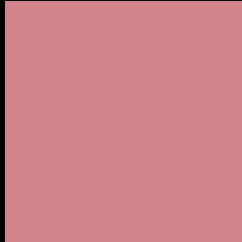
Large Text (above 18pt) WCAG AA × Fail

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 38.7889, 31.5066, 28.4631 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 38.7889, 31.5066, 28.4631

Background



This preview shows how black text looks on a background with the XYZ color 38.7889, 31.5066, 28.4631.



This preview shows how white text looks on a background with the XYZ color 38.7889, 31.5066,

28.4631.

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

38.7889, 31.5066, 28.4631

Protanopia

30.4436, 31.7264, 33.3734

Deuteranopia

32.1112, 31.5292, 27.6859



Tritanopia

38.9364, 31.5656, 29.2399

Trichromacy



Original Color

38.7889, 31.5066, 28.4631

Protanomaly

32.8408, 31.1358, 31.4730

Deuteranomaly

34.2899, 31.2950, 27.9002

Tritanomaly

38.8623, 31.5359, 28.8497

Monochromacy



Original Color

38.7889, 31.5066, 28.4631

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.1593, 31.7264, 32.8099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7889, 31.5066, 28.4631 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(208, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(208, 131, 139)  
}
```

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(208, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 131, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.7889, 31.5066, 28.4631 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(208, 131, 139) }
```


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

```
.border{ border-color:rgb(208, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(208, 131,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7889, 31.5066, 28.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 131, 139) }
```

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

```
.background{ background-color: rgb(208,  
131, 139) }
```

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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