

Converting Colors

XYZ(42.0645, 38.8199, 28.5685)

Have a look what the booklet for
XYZ(42.0645, 38.8199, 28.5685)
contains.

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Color

**XYZ(42.0645, 38.8199,
28.5685)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9C88
RGB	207, 156, 136
RGB Percent	81%, 61%, 53%
CMY	0.1882, 0.3882, 0.4667
CMYK	0.00, 0.25, 0.34, 0.19
HSL	17°, 43%, 67%
HSV	17°, 34%, 81%
XYZ	42.0645, 38.8199, 28.5685
YIQ	168.9690, 36.8160, 4.5920

Conversions

Conversions Part 2

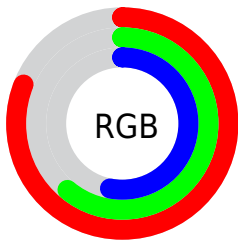
Format	Color
R _Y B	207, 164, 136
Decimal	13606024
CIE Lab	68.62, 16.29, 17.86
CIE LCh	69, 24.172, 47.633
Yxy	38.8199, 0.3843, 0.3547
Android (android.graphics.Color)	4291796104 (0xFFCF9C88)
YUV	168.9690, -16.2537, 33.3532
Hunter-Lab	62.3056, 11.4762, 16.4282

Details

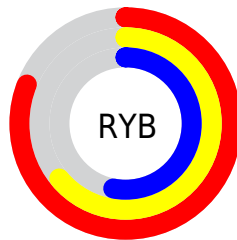
The XYZ color **42.0645, 38.8199, 28.5685** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.1855, 45.2782, 65.7057**, and the grayscale version is **37.7627, 39.7293, 43.2652**.

A 20% lighter version of the original color is **73.7196, 71.5227, 58.0639**, and **19.4938, 17.3543, 11.1264** is the 20% darker color. If you saturate the color by 10%, you get **38.3892, 33.6005, 20.7729**, and if you desaturate by 10%, it is **46.3314, 44.7674, 37.9638**.

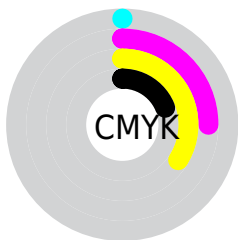
Distribution



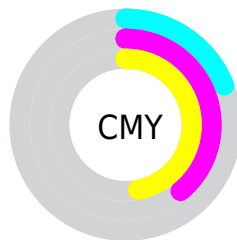
- Red (81%)
- Green (61%)
- Blue (53%)



- Red (81%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (34%)
- Black (19%)





- Cyan (19%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0645, 38.8199, 28.5685 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 42.0645, 38.8199, 28.5685 by changing the saturation by 10% instead.


 42.0645, 38.8199,
28.5685


 42.0645, 38.8199,
28.5685


345.7373,
341.1242, 309.1705


 29.3431, 26.6196,
18.5119


 77.5618, 73.3631,
58.4248

 19.4861, 17.2878,
11.1449


 101.0684, 96.4749,
79.0615

 12.1282, 10.4399,
6.0490

 128.9008,
123.9926, 104.0621

 6.9038, 5.6916,
2.8056

161.4244,
156.3006, 133.8449

 3.4478, 2.6585,
0.9963

199.0045,
193.7834, 168.8287

 1.3948, 0.9561,
0.0000

242.0064,

 0.2525, 0.0000,

236.8253, 209.4318

0.0000

290.7956,
285.8108, 256.0729

■ 0.0000, 0.0000,
0.0000

■ 42.0645, 38.8199,
28.5685

■ 42.0645, 38.8199,
28.5685

■ 38.3892, 33.6005,
20.7729

■ 46.3314, 44.7674,
37.9638

■ 35.2750, 29.0752,
14.4846

■ 51.2123, 51.4644,
49.0394

■ 32.6933, 25.2153,
9.6051

■ 56.7323, 58.9383,
61.8735

■ 30.6112, 21.9879,
6.0232

■ 62.9140, 67.2132,
76.5383

■ 28.9919, 19.3569,
3.6107

■ 69.7789, 76.3123,
93.1022

■ 27.7925, 17.2819,
2.2124

■ 76.4986, 85.9183,
107.1597

■ 27.2615, 16.3242,
1.7140

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



44.3390, 38.8199, 36.2182



42.0645, 38.8199, 28.5685



38.4906, 38.8199, 24.8888

Triad

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



42.0645, 38.8199, 28.5685



30.1855, 38.8199, 37.9267



39.1642, 38.8199, 65.6177

Complementary

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



42.0645, 38.8199, 28.5685



39.1855, 45.2782, 65.7057

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.



35.3483, 38.8199, 66.2899



42.0645, 38.8199, 28.5685



30.3384, 38.8199, 48.9571

Square

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



42.0645, 38.8199, 28.5685



31.7382, 38.8199, 29.6328



32.1713, 38.8199, 59.7683



42.5868, 38.8199, 58.0649

Rectangle

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



42.0645, 38.8199, 28.5685



35.9313, 38.8199, 24.6777



32.1713, 38.8199, 59.7683



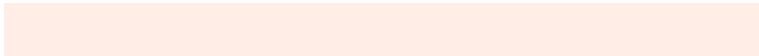
37.8802, 38.8199, 66.6974

Sweetspot

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



42.0655, 38.8217, 28.5693



85.6458, 87.3311, 86.8379



43.6208, 34.5078, 51.9764



18.0673, 18.3337, 17.9742



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.



42.0655, 38.8217, 28.5693



63.0839, 56.0816, 36.5445



48.6837, 52.0580, 30.7753



12.0761, 12.3429, 12.3580



17.2457, 10.4245, 1.1032



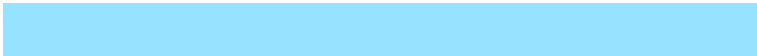
1.0319, 0.7182, 0.0842

Inverse Universe

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



39.1855, 45.2782, 65.7057



57.7828, 67.8912, 104.6666



32.7366, 32.3805, 63.5561



11.8651, 12.8205, 15.0929



13.9188, 16.4842, 39.6407



0.8436, 1.0524, 2.2382

Previews

White Background



This preview shows how the XYZ color 42.0645, 38.8199, 28.5685 looks on a white background.

Color Contrast Check

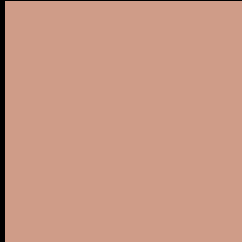
Large Text (above 18pt) WCAG AA × Fail

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 42.0645, 38.8199, 28.5685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

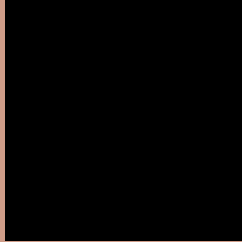
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0645, 38.8199, 28.5685

Background



This preview shows how black text looks on a background with the XYZ color 42.0645, 38.8199, 28.5685.



This preview shows how white text looks on a background with the XYZ color 42.0645, 38.8199,

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

42.0645, 38.8199, 28.5685

Protanopia

36.7579, 38.9076, 30.7719

Deuteranopia

39.6237, 38.8411, 28.3304



Tritanopia

44.5074, 38.8384, 40.2727

Trichromacy



Original Color

42.0645, 38.8199, 28.5685

Protanomaly

38.4964, 38.7498, 29.8766

Deuteranomaly

40.3245, 38.6877, 28.2638

Tritanomaly

43.5185, 38.6709, 35.7424

Monochromacy



Original Color

42.0645, 38.8199, 28.5685

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8897, 39.0525, 37.3865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0645, 38.8199, 28.5685 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(207, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 156, 136)  
}
```

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(207, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 156, 136) }
```

Border

The CSS property to change the border of an element to XYZ 42.0645, 38.8199, 28.5685 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(207, 156, 136) }
```


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

```
.border{ border-color:rgb(207, 156, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 156,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0645, 38.8199, 28.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 156, 136) }
```

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

```
.background{ background-color: rgb(207,  
156, 136) }
```

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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