

Converting Colors

$Yxy(58.1978, 0.3757, 0.4269)$

Have a look what the booklet for
Yxy(58.1978, 0.3757, 0.4269)
contains.

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Color

Yxy(58.0008, 0.3758, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	D0CC7A
RGB	208, 204, 122
RGB Percent	82%, 80%, 48%
CMY	0.1843, 0.2000, 0.5217
CMYK	0.00, 0.02, 0.41, 0.18
HSL	57°, 48%, 65%
HSV	57°, 41%, 82%
XYZ	51.1180, 58.0008, 26.9056
YIQ	195.8480, 28.7060, -24.6540

Conversions

Conversions Part 2

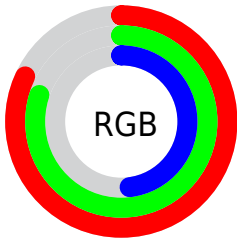
Format	Color
RYB	126, 208, 122
Decimal	13683834
CIELab	80.74, -10.37, 41.29
CIELCh	81, 42.569, 104.094
Yxy	58.0008, 0.3758, 0.4264
Android (android.graphics.Color)	4291873914 (0xFFD0CC7A)
YUV	195.8480, -36.4071, 10.6573
Hunter-Lab	76.1583, -13.4665, 32.3645

Details

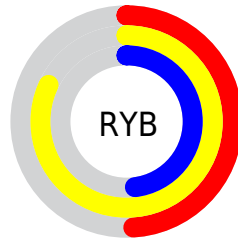
The Yxy color **58.0008, 0.3758, 0.4264** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6063, 0.2371, 0.2084**, and the grayscale version is **55.3161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **28.9430, 0.3895, 0.4511** is the 20% darker color. If you saturate the color by 10%, you get **57.0836, 0.3899, 0.4475**, and if you desaturate by 10%, it is **59.0365, 0.3607, 0.4035**.

Distribution



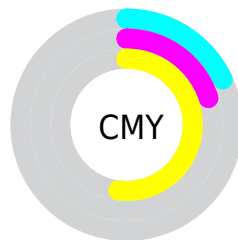
- Red (82%)
- Green (80%)
- Blue (48%)



- Red (49%)
- Yellow (82%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (41%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0008, 0.3758, 0.4264 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 Yxy color 58.0008, 0.3758, 0.4264 by changing the saturation by 10% instead.


 58.0008, 0.3758,
0.4264

 58.0008, 0.3758,
0.4264


417.1889, 0.3469,
0.3794


 41.8093, 0.3820,
0.4373


 101.9240, 0.3660,
0.4099

 28.9520, 0.3894,
0.4508


 130.4245, 0.3621,
0.4035

 19.0445, 0.3981,
0.4676


 163.7968, 0.3587,
0.3980

 11.7024, 0.4082,
0.4890

202.4253, 0.3557,
0.3933

 6.5414, 0.4189,
0.5164

246.6944, 0.3531,
0.3892

 3.1770, 0.4369,
0.5631

296.9884, 0.3508,

 1.2248, 0.4174,

0.3855

0.5826

353.6918, 0.3487,
0.3823

0.0818, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.0008, 0.3758,
0.4264

58.0008, 0.3758,
0.4264

57.0836, 0.3899,
0.4475

59.0365, 0.3607,
0.4035

56.2699, 0.4023,
0.4656

60.1892, 0.3451,
0.3796

55.5543, 0.4125,
0.4801


61.4675, 0.3297,
0.3556


54.9278, 0.4202,
0.4904


62.8771, 0.3147,
0.3321

 54.3794, 0.4251,
0.4963

 64.4231, 0.3005,
0.3097

 53.9519, 0.4277,
0.4986

 66.1106, 0.2872,
0.2887

 67.1071, 0.2823,
0.2815

 67.5884, 0.2823,
0.2825

 68.0725, 0.2824,
0.2836

Harmonies

Analogous

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



58.0008, 0.4130, 0.4000



58.0008, 0.3758, 0.4264



58.0008, 0.3235, 0.4246

Triad

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



58.0008, 0.3758, 0.4264



58.0008, 0.2140, 0.2829



58.0008, 0.3504, 0.2784

Complementary

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



58.0008, 0.3758, 0.4264



23.6063, 0.2371, 0.2084

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.



58.0008, 0.2940, 0.2518



58.0008, 0.3758, 0.4264



58.0008, 0.2195, 0.2515

Square

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



58.0008, 0.3758, 0.4264



58.0008, 0.2317, 0.3333



58.0008, 0.2473, 0.2417



58.0008, 0.3993, 0.3165

Rectangle

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



58.0008, 0.3758, 0.4264



58.0008, 0.2876, 0.4039



58.0008, 0.2473, 0.2417



58.0008, 0.3315, 0.2679

Sweetspot

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



58.0035, 0.3758, 0.4264



97.2792, 0.3309, 0.3574



28.8379, 0.4127, 0.3238



20.7624, 0.3329, 0.3606



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0035, 0.3758, 0.4264



90.6016, 0.3888, 0.4459



54.9861, 0.3420, 0.4425



13.6994, 0.3267, 0.3509



33.6647, 0.4276, 0.4987



1.9120, 0.4259, 0.5000

Inverse Universe

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



23.6063, 0.2371, 0.2084



28.6629, 0.2177, 0.1766



26.0130, 0.2704, 0.2133



11.5045, 0.2982, 0.3061



3.0082, 0.1509, 0.0632



0.1999, 0.1538, 0.0737

Previews

White Background



This preview shows how the Yxy color 58.0008, 0.3758, 0.4264 looks on a white background.

Color Contrast Check

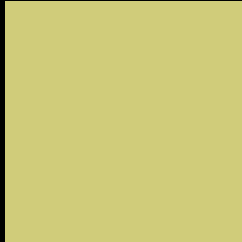
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Xy color 58.0008, 0.3758, 0.4264 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](#).

Yxy 58.0008, 0.3758, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 58.0008, 0.3758, 0.4264.



This preview shows how white text looks on a background with the Yxy color 58.0008, 0.3758, 0.4264.

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

58.0008, 0.3758, 0.4264

Protanopia

57.7491, 0.3878, 0.4200

Deuteranopia

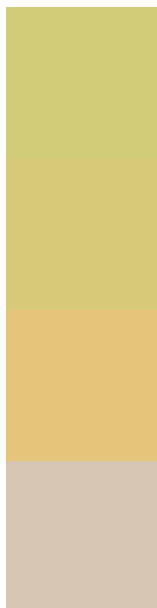
57.6195, 0.4094, 0.4002



Tritanopia

58.0924, 0.3207, 0.3120

Trichromacy



Original Color

58.0008, 0.3758, 0.4264

Protanomaly

57.6008, 0.3839, 0.4223

Deuteranomaly

57.7581, 0.3971, 0.4095

Tritanomaly

57.8586, 0.3416, 0.3538

Monochromacy



Original Color

58.0008, 0.3758, 0.4264

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9908, 0.3359, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0008, 0.3758, 0.4264 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, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 122)  
}
```

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, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 122) }
```

Border

The CSS property to change the border of an element to Yxy 58.0008, 0.3758, 0.4264 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, 204, 122) }
```

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

```
.border{ border-color:rgb(208, 204, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 122);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0008, 0.3758, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 122) }
```

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

```
.background{ background-color: rgb(208,  
204, 122) }
```

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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