

Converting Colors

$Y_{xy}(57.3759, 0.3712, 0.4279)$

Have a look what the booklet for
Yxy(57.3759, 0.3712, 0.4279)
contains.

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Color

Yxy(57.2874, 0.3715, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	CBCC7A
RGB	203, 204, 122
RGB Percent	80%, 80%, 48%
CMY	0.2039, 0.2000, 0.5215
CMYK	0.00, 0.00, 0.40, 0.20
HSL	61°, 45%, 64%
HSV	61°, 40%, 80%
XYZ	49.7365, 57.2874, 26.8564
YIQ	194.3530, 25.7260, -25.7140

Conversions

Conversions Part 2

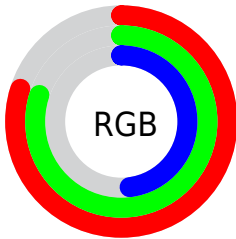
Format	Color
RYB	122, 204, 123
Decimal	13356154
CIELab	80.34, -12.35, 40.68
CIELCh	80, 42.510, 106.883
Yxy	57.2874, 0.3715, 0.4279
Android (android.graphics.Color)	4291546234 (0xFFCBCC7A)
YUV	194.3530, -35.6700, 7.5834
Hunter-Lab	75.6884, -15.1585, 31.9441

Details

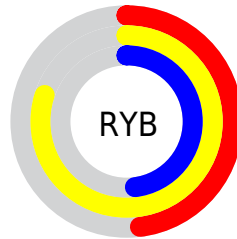
The Yxy color **57.2874, 0.3715, 0.4279** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.4981, 0.2397, 0.2071**, and the grayscale version is **54.3759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **28.4707, 0.3838, 0.4538** is the 20% darker color. If you saturate the color by 10%, you get **56.8013, 0.3845, 0.4500**, and if you desaturate by 10%, it is **57.8849, 0.3573, 0.4039**.

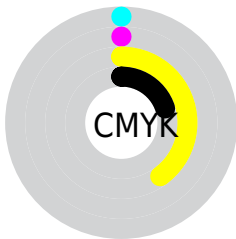
Distribution



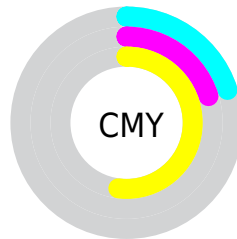
- Red (80%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (48%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2874, 0.3715, 0.4279 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 57.2874, 0.3715, 0.4279 by changing the saturation by 10% instead.


 57.2874, 0.3715,
0.4279


 57.2874, 0.3715,
0.4279


414.5254, 0.3446,
0.3798


 41.2360, 0.3773,
0.4392

 100.8844, 0.3624,
0.4109

 28.5036, 0.3840,
0.4532


 129.1989, 0.3588,
0.4044

 18.7056, 0.3920,
0.4708


 162.3698, 0.3557,
0.3988

 11.4577, 0.4011,
0.4934

200.7816, 0.3529,
0.3940

 6.3756, 0.4104,
0.5229

244.8186, 0.3505,
0.3898

 3.0748, 0.4263,
0.5737

294.8654, 0.3483,

 1.1709, 0.4019,

0.3860

0.5981

351.3061, 0.3464,
0.3828

0.0377, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2874, 0.3715,
0.4279

57.2874, 0.3715,
0.4279

56.8013, 0.3845,
0.4500

57.8849, 0.3573,
0.4039

56.4121, 0.3958,
0.4693

58.5922, 0.3424,
0.3789


56.1149, 0.4049,
0.4849


59.4174, 0.3275,
0.3539

55.9013, 0.4114,
0.4963

60.3659, 0.3130,
0.3294


 55.7612, 0.4154,
0.5034


 61.4425, 0.2991,
0.3061

 55.6767, 0.4172,
0.5069

 62.6521, 0.2860,
0.2843

 63.3496, 0.2797,
0.2736

 63.3849, 0.2798,
0.2736

 63.4202, 0.2800,
0.2737

Harmonies

Analogous

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



57.2874, 0.4108, 0.4034



57.2874, 0.3715, 0.4279



57.2874, 0.3184, 0.4229

Triad

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



57.2874, 0.3715, 0.4279



57.2874, 0.2133, 0.2790



57.2874, 0.3557, 0.2814

Complementary

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



57.2874, 0.3715, 0.4279



22.4981, 0.2397, 0.2071

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.



57.2874, 0.2990, 0.2534



57.2874, 0.3715, 0.4279



57.2874, 0.2210, 0.2495

Square

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



57.2874, 0.3715, 0.4279



57.2874, 0.2289, 0.3281



57.2874, 0.2508, 0.2416



57.2874, 0.4030, 0.3203

Rectangle

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



57.2874, 0.3715, 0.4279



57.2874, 0.2827, 0.4002



57.2874, 0.2508, 0.2416



57.2874, 0.3368, 0.2706

Sweetspot

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



57.2900, 0.3715, 0.4279



98.1130, 0.3305, 0.3588



28.1691, 0.4136, 0.3293



20.9602, 0.3324, 0.3621



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.



57.2900, 0.3715, 0.4279



94.1810, 0.3826, 0.4467



52.3809, 0.3379, 0.4401



13.0895, 0.3264, 0.3519



35.0457, 0.4172, 0.5069



1.8103, 0.4177, 0.5066

Inverse Universe

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



22.4981, 0.2397, 0.2071



28.9614, 0.2216, 0.1772



26.0734, 0.2760, 0.2182



10.8504, 0.2984, 0.3050



2.7570, 0.1504, 0.0602



0.1446, 0.1519, 0.0610

Previews

White Background



This preview shows how the Yxy color 57.2874, 0.3715, 0.4279 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 Yxy color 57.2874, 0.3715, 0.4279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

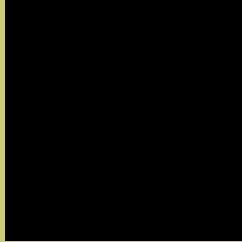
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2874, 0.3715, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 57.2874, 0.3715, 0.4279.



This preview shows how white text looks on a background with the Yxy color 57.2874, 0.3715, 0.4279.

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

57.2874, 0.3715, 0.4279

Protanopia

57.1083, 0.3881, 0.4204

Deuteranopia

56.8328, 0.4082, 0.3997



Tritanopia

57.3332, 0.3167, 0.3118

Trichromacy



Original Color

57.2874, 0.3715, 0.4279

Protanomaly

57.2999, 0.3821, 0.4229

Deuteranomaly

56.8163, 0.3951, 0.4094

Tritanomaly

57.1178, 0.3374, 0.3541

Monochromacy



Original Color

57.2874, 0.3715, 0.4279

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.0856, 0.3344, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2874, 0.3715, 0.4279 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(203, 204, 122)` looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 204, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 122) }
```

Border

The CSS property to change the border of an element to Yxy 57.2874, 0.3715, 0.4279 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(203, 204, 122) }
```

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

```
.border{ border-color:rgb(203, 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(203, 204, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 204, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 204, 122); box-shadow:4px 4px 4px 4px rgb(203, 204, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2874, 0.3715, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 122) }
```

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

```
.background{ background-color: rgb(203,  
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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