

Converting Colors

Yxy(57.2388, 0.3430, 0.4071)

Have a look what the booklet for
Yxy(57.2388, 0.3430, 0.4071)
contains.

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Color

Yxy(57.4888, 0.3428, 0.4071)

Conversions

Conversions Part 1

Format	Color
Hex	BDCF91
RGB	189, 207, 145
RGB Percent	74%, 81%, 57%
CMY	0.2588, 0.1882, 0.4315
CMYK	0.09, 0.00, 0.30, 0.19
HSL	77°, 39%, 69%
HSV	77°, 30%, 81%
XYZ	48.4086, 57.4888, 35.3180
YIQ	194.5500, 9.1740, -23.0980

Conversions

Conversions Part 2

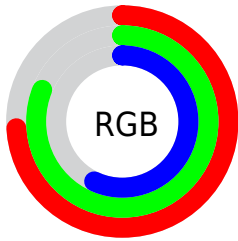
Format	Color
RYB	145, 207, 163
Decimal	12439441
CIELab	80.45, -16.45, 28.88
CIELCh	80, 33.238, 119.664
Yxy	57.4888, 0.3428, 0.4071
Android (android.graphics.Color)	4290629521 (0xFFBDCF91)
YUV	194.5500, -24.4281, -4.8673
Hunter-Lab	75.8214, -18.7229, 25.4574

Details

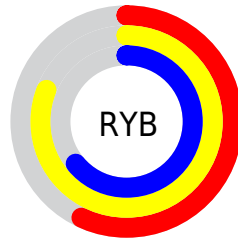
The Yxy color **57.4888, 0.3428, 0.4071** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5280, 0.2755, 0.2457**, and the grayscale version is **54.4356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2364, 0.3400, 0.3851**, and **28.7415, 0.3490, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **56.1577, 0.3520, 0.4345**, and if you desaturate by 10%, it is **58.9731, 0.3329, 0.3799**.

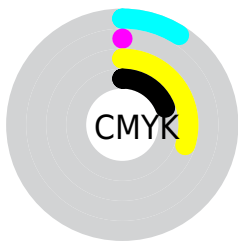
Distribution



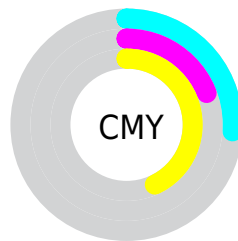
- Red (74%)
- Green (81%)
- Blue (57%)



- Red (57%)
- Yellow (81%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)





- Cyan (26%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4888, 0.3428, 0.4071 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 57.4888, 0.3428, 0.4071 by changing the saturation by 10% instead.


 57.4888, 0.3428,
0.4071


 57.4888, 0.3428,
0.4071


415.2784, 0.3291,
0.3684

 41.3978, 0.3458,
0.4165


 101.1781, 0.3382,
0.3932

 28.6301, 0.3493,
0.4285

 129.5451, 0.3363,
0.3879

 18.8011, 0.3535,
0.4442


162.7730, 0.3347,
0.3834

 11.5267, 0.3585,
0.4653

201.2461, 0.3333,
0.3796

 6.4223, 0.3639,
0.4952

245.3488, 0.3321,
0.3763

 3.1035, 0.3736,
0.5477

295.4654, 0.3310,

 1.1860, 0.3706,

0.3733

0.6294

351.9805, 0.3300,
0.3707

0.0502, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.4888, 0.3428,
0.4071

57.4888, 0.3428,
0.4071

56.1577, 0.3520,
0.4345

58.9731, 0.3329,
0.3799

54.9656, 0.3600,
0.4611

60.6092, 0.3228,
0.3537

53.9076, 0.3664,
0.4857

62.4055, 0.3127,
0.3289

52.9756, 0.3706,
0.5072

64.3675, 0.3029,
0.3059

■ 52.1604, 0.3723,
0.5246

■ 66.5004, 0.2936,
0.2848

■ 51.4513, 0.3714,
0.5372

■ 67.8626, 0.2937,
0.2790

■ 50.8285, 0.3686,
0.5455

■ 68.8452, 0.2979,
0.2796

■ 50.8267, 0.3686,
0.5456

■ 69.8621, 0.3021,
0.2802

■ 70.9136, 0.3063,
0.2809

Harmonies

Analogous

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



57.4888, 0.3793, 0.3985



57.4888, 0.3428, 0.4071



57.4888, 0.2998, 0.3909

Triad

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



57.4888, 0.3428, 0.4071



57.4888, 0.2336, 0.2782



57.4888, 0.3639, 0.3040

Complementary

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



57.4888, 0.3428, 0.4071



32.5280, 0.2755, 0.2457

Split Complementary

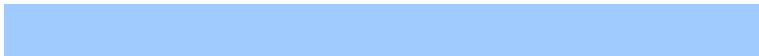
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.4888, 0.3213, 0.2767



57.4888, 0.3428, 0.4071



57.4888, 0.2478, 0.2611

Square

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



57.4888, 0.3428, 0.4071



57.4888, 0.2385, 0.3115



57.4888, 0.2789, 0.2612



57.4888, 0.3929, 0.3379

Rectangle

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



57.4888, 0.3428, 0.4071



57.4888, 0.2734, 0.3678



57.4888, 0.2789, 0.2612



57.4888, 0.3505, 0.2939

Sweetspot

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



57.4913, 0.3428, 0.4071



97.3680, 0.3219, 0.3515



41.3419, 0.3728, 0.3514



20.7540, 0.3234, 0.3553



0.0000, 0.0000, 0.0000



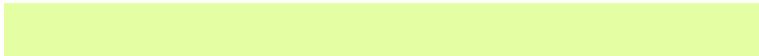
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4913, 0.3428, 0.4071



90.7255, 0.3489, 0.4248



53.9822, 0.3186, 0.4134



13.6182, 0.3222, 0.3523



32.0715, 0.3693, 0.5450



1.8327, 0.3788, 0.5374

Inverse Universe

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



32.5280, 0.2755, 0.2457



44.4112, 0.2656, 0.2252



36.1569, 0.3035, 0.2521



11.5814, 0.3026, 0.3053



3.4871, 0.1696, 0.0708



0.2357, 0.1897, 0.0819

Previews

White Background



This preview shows how the Yxy color 57.4888, 0.3428, 0.4071 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 57.4888, 0.3428, 0.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

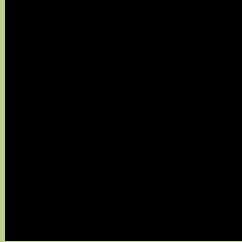
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

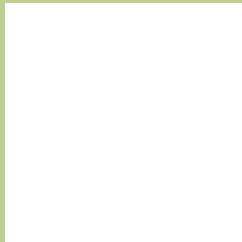
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4888, 0.3428, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 57.4888, 0.3428, 0.4071.



This preview shows how white text looks on a background with the Yxy color 57.4888, 0.3428, 0.4071.

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

57.4888, 0.3428, 0.4071

Protanopia

57.2469, 0.3693, 0.3964

Deuteranopia

57.0619, 0.3850, 0.3772



Tritanopia

57.2490, 0.3013, 0.3101

Trichromacy



Original Color

57.4888, 0.3428, 0.4071

Protanomaly

57.3460, 0.3598, 0.4004

Deuteranomaly

56.9445, 0.3688, 0.3878

Tritanomaly

57.0495, 0.3167, 0.3436

Monochromacy



Original Color

57.4888, 0.3428, 0.4071

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3586, 0.3241, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4888, 0.3428, 0.4071 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(189, 207, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 207, 145)  
}
```

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(189, 207, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 207, 145) }
```

Border

The CSS property to change the border of an element to Yxy 57.4888, 0.3428, 0.4071 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(189, 207, 145) }
```

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

```
.border{ border-color:rgb(189, 207, 145) }
```

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

Here you see how a box with a 4 pixel rgb(189, 207, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 207, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 207, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 207,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4888, 0.3428, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 207, 145) }
```

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

```
.background{ background-color: rgb(189,  
207, 145) }
```

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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