

Converting Colors

Yxy(57.9099, 0.3378, 0.4086)

Have a look what the booklet for
Yxy(57.9099, 0.3378, 0.4086)
contains.

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Color

Yxy(57.8666, 0.3376, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	B8D192
RGB	184, 209, 146
RGB Percent	72%, 82%, 57%
CMY	0.2783, 0.1804, 0.4274
CMYK	0.12, 0.00, 0.30, 0.18
HSL	84°, 41%, 70%
HSV	84°, 30%, 82%
XYZ	47.7647, 57.8666, 35.8518
YIQ	194.3430, 5.3230, -24.8930

Conversions

Conversions Part 2

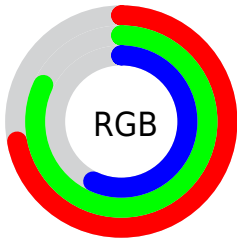
Format	Color
RYB	146, 209, 171
Decimal	12112274
CIELab	80.66, -19.14, 28.56
CIElCh	81, 34.376, 123.828
Yxy	57.8666, 0.3376, 0.4090
Android (android.graphics.Color)	4290302354 (0xFFB8D192)
YUV	194.3430, -23.8331, -9.0708
Hunter-Lab	76.0701, -21.0418, 25.3057

Details

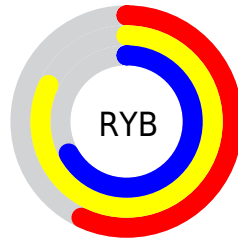
The Yxy color **57.8666, 0.3376, 0.4090** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8198, 0.2812, 0.2465**, and the grayscale version is **54.3103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3909, 0.3361, 0.3847**, and **29.0147, 0.3420, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **56.2839, 0.3449, 0.4376**, and if you desaturate by 10%, it is **59.6331, 0.3296, 0.3810**.

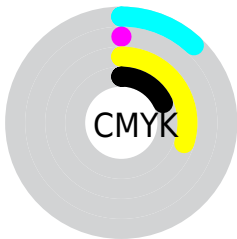
Distribution



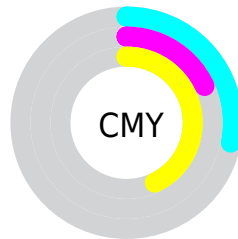
- Red (72%)
- Green (82%)
- Blue (57%)



- Red (57%)
- Yellow (82%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)





- Cyan (28%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8666, 0.3376, 0.4090 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 57.8666, 0.3376, 0.4090 by changing the saturation by 10% instead.


 57.8666, 0.3376,
0.4090


 57.8666, 0.3376,
0.4090


416.6887, 0.3265,
0.3692

 41.7014, 0.3399,
0.4188


 101.7286, 0.3339,
0.3947

 28.8676, 0.3427,
0.4312


 130.1941, 0.3324,
0.3892

 18.9807, 0.3458,
0.4474


163.5286, 0.3311,
0.3846

 11.6563, 0.3493,
0.4695

202.1164, 0.3300,
0.3807

 6.5101, 0.3527,
0.5009

246.3420, 0.3290,
0.3773

 3.1577, 0.3581,
0.5550

296.5896, 0.3280,

 1.2146, 0.3503,

0.3743

0.6497

353.2437, 0.3272,
0.3716

■ 0.0736, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8666, 0.3376,
0.4090

■ 57.8666, 0.3376,
0.4090

■ 56.2839, 0.3449,
0.4376

■ 59.6331, 0.3296,
0.3810

■ 54.8699, 0.3510,
0.4659

■ 61.5829, 0.3212,
0.3543

■ 53.6190, 0.3555,
0.4924

■ 63.7249, 0.3128,
0.3293

■ 52.5223, 0.3579,
0.5160

■ 66.0654, 0.3047,
0.3064

■ 51.5695, 0.3579,
0.5354

■ 68.6103, 0.2968,
0.2855

■ 50.7489, 0.3555,
0.5497

■ 70.2625, 0.2997,
0.2820

■ 50.0483, 0.3513,
0.5593

■ 71.6946, 0.3056,
0.2828

■ 73.1929, 0.3114,
0.2836

■ 74.0774, 0.3148,
0.2841

Harmonies

Analogous

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



57.8666, 0.3769, 0.4032



57.8666, 0.3376, 0.4090



57.8666, 0.2933, 0.3887

Triad

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



57.8666, 0.3376, 0.4090



57.8666, 0.2322, 0.2730



57.8666, 0.3708, 0.3077

Complementary

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



57.8666, 0.3376, 0.4090



33.8198, 0.2812, 0.2465

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.



57.8666, 0.3279, 0.2784



57.8666, 0.3376, 0.4090



57.8666, 0.2493, 0.2581

Square

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



57.8666, 0.3376, 0.4090



57.8666, 0.2344, 0.3052



57.8666, 0.2834, 0.2606



57.8666, 0.3978, 0.3431

Rectangle

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



57.8666, 0.3376, 0.4090



57.8666, 0.2670, 0.3632



57.8666, 0.2834, 0.2606



57.8666, 0.3576, 0.2970

Sweetspot

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



57.8691, 0.3376, 0.4090



96.9253, 0.3203, 0.3516



44.4386, 0.3710, 0.3593



20.6447, 0.3216, 0.3554



0.0000, 0.0000, 0.0000



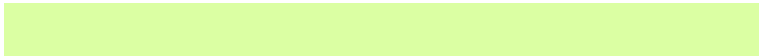
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8691, 0.3376, 0.4090



89.1748, 0.3423, 0.4270



54.4810, 0.3139, 0.4152



13.5542, 0.3206, 0.3524



30.9193, 0.3522, 0.5586



1.7742, 0.3644, 0.5488

Inverse Universe

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



33.8198, 0.2812, 0.2465



45.7052, 0.2729, 0.2272



37.6730, 0.3093, 0.2530



11.6429, 0.3043, 0.3054



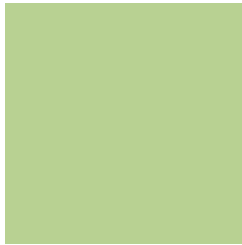
4.0201, 0.1845, 0.0790



0.2703, 0.2056, 0.0906

Previews

White Background



This preview shows how the Yxy color 57.8666, 0.3376, 0.4090 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 57.8666, 0.3376, 0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

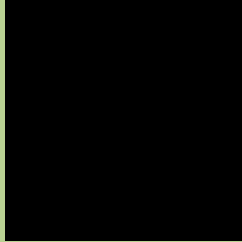
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8666, 0.3376, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 57.8666, 0.3376, 0.4090.



This preview shows how white text looks on a background with the Yxy color 57.8666, 0.3376, 0.4090.

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

57.8666, 0.3376, 0.4090

Protanopia

57.7086, 0.3689, 0.3975

Deuteranopia

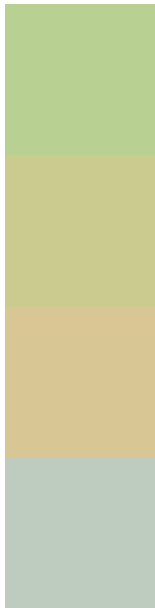
57.7341, 0.3838, 0.3759



Tritanopia

57.7358, 0.2969, 0.3100

Trichromacy



Original Color

57.8666, 0.3376, 0.4090

Protanomaly

57.5324, 0.3578, 0.4019

Deuteranomaly

57.3098, 0.3660, 0.3868

Tritanomaly

57.4206, 0.3113, 0.3437

Monochromacy



Original Color

57.8666, 0.3376, 0.4090

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9683, 0.3217, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8666, 0.3376, 0.4090 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(184, 209, 146)` looks like.

```
.text, #text, p{  
    color:rgb(184, 209, 146)  
}
```

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(184, 209, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 209, 146) }
```

Border

The CSS property to change the border of an element to Yxy 57.8666, 0.3376, 0.4090 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(184, 209, 146) }
```

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

```
.border{ border-color:rgb(184, 209, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 209, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 209, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 209, 146);  
box-shadow:4px 4px 4px 4px rgb(184, 209,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8666, 0.3376, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 209, 146) }
```

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

```
.background{ background-color: rgb(184,  
209, 146) }
```

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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