

Converting Colors

Yxy(57.6391, 0.3327, 0.3932)

Have a look what the booklet for
Yxy(57.6391, 0.3327, 0.3932)
contains.

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Color

Yxy(57.5907, 0.3334, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	BBCF9C
RGB	187, 207, 156
RGB Percent	73%, 81%, 61%
CMY	0.2667, 0.1882, 0.3882
CMYK	0.10, 0.00, 0.25, 0.19
HSL	84°, 35%, 71%
HSV	84°, 25%, 81%
XYZ	48.8072, 57.5907, 39.9944
YIQ	195.2060, 4.4510, -20.1010

Conversions

Conversions Part 2

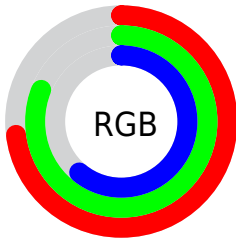
Format	Color
RYB	156, 207, 176
Decimal	12308380
CIELab	80.51, -15.60, 23.16
CIElCh	81, 27.929, 123.962
Yxy	57.5907, 0.3334, 0.3934
Android (android.graphics.Color)	4290498460 (0xFFBBCF9C)
YUV	195.2060, -19.3286, -7.1967
Hunter-Lab	75.8885, -18.0039, 21.8753

Details

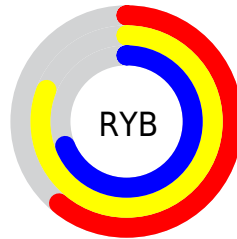
The Yxy color **57.5907, 0.3334, 0.3934** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5115, 0.2877, 0.2629**, and the grayscale version is **54.8192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4562, 0.3315, 0.3731**, and **28.7685, 0.3379, 0.4125** is the 20% darker color. If you saturate the color by 10%, you get **55.9555, 0.3412, 0.4218**, and if you desaturate by 10%, it is **59.4083, 0.3251, 0.3661**.

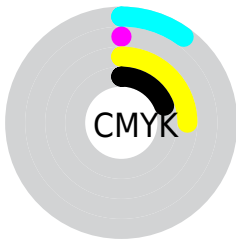
Distribution



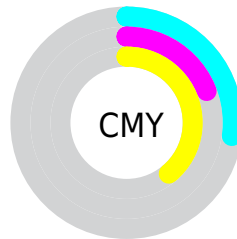
- Red (73%)
- Green (81%)
- Blue (61%)



- Red (61%)
- Yellow (81%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)




- Cyan (27%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5907, 0.3334, 0.3934 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 57.5907, 0.3334, 0.3934 by changing the saturation by 10% instead.

 57.5907, 0.3334,
0.3934


 57.5907, 0.3334,
0.3934


415.6591, 0.3240,
0.3615

 41.4797, 0.3355,
0.4012


 101.3266, 0.3302,
0.3819

 28.6941, 0.3379,
0.4112


 129.7202, 0.3289,
0.3775

 18.8495, 0.3410,
0.4243


162.9769, 0.3278,
0.3739

 11.5616, 0.3446,
0.4422

201.4810, 0.3269,
0.3707

 6.4459, 0.3488,
0.4680

245.6168, 0.3260,
0.3679

 3.1181, 0.3530,
0.5080

295.7688, 0.3253,

 1.1937, 0.3779,

0.3655

0.6221

352.3215, 0.3246,
0.3634

0.0565, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.5907, 0.3334,
0.3934

57.5907, 0.3334,
0.3934

55.9555, 0.3412,
0.4218

59.4083, 0.3251,
0.3661

54.4883, 0.3481,
0.4503


61.4073, 0.3166,
0.3403


53.1838, 0.3537,
0.4778


63.5964, 0.3083,
0.3165

52.0339, 0.3573,
0.5031


65.9815, 0.3002,
0.2947

 51.0294, 0.3587,
0.5249


 68.2749, 0.2954,
0.2793


 50.1597, 0.3577,
0.5420


 69.6307, 0.3011,
0.2801

 49.4123, 0.3543,
0.5539

 71.0497, 0.3069,
0.2809

 49.0505, 0.3519,
0.5588

 72.5326, 0.3127,
0.2818

 73.1079, 0.3149,
0.2821

Harmonies

Analogous

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



57.5907, 0.3653, 0.3898



57.5907, 0.3334, 0.3934



57.5907, 0.2971, 0.3768

Triad

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



57.5907, 0.3334, 0.3934



57.5907, 0.2463, 0.2834



57.5907, 0.3601, 0.3119

Complementary

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



57.5907, 0.3334, 0.3934



37.5115, 0.2877, 0.2629

Split Complementary

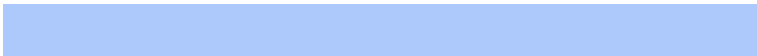
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.5907, 0.3255, 0.2873



57.5907, 0.3334, 0.3934



57.5907, 0.2607, 0.2705

Square

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



57.5907, 0.3334, 0.3934



57.5907, 0.2482, 0.3101



57.5907, 0.2891, 0.2724



57.5907, 0.3818, 0.3415

Rectangle

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



57.5907, 0.3334, 0.3934



57.5907, 0.2754, 0.3565



57.5907, 0.2891, 0.2724



57.5907, 0.3495, 0.3029

Sweetspot

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



57.5932, 0.3334, 0.3934



97.5997, 0.3187, 0.3464



46.5409, 0.3583, 0.3535



20.8476, 0.3192, 0.3480



0.0000, 0.0000, 0.0000



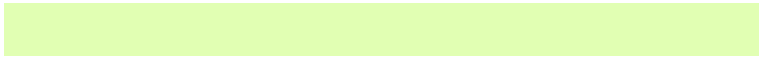
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5932, 0.3334, 0.3934



90.7622, 0.3380, 0.4095



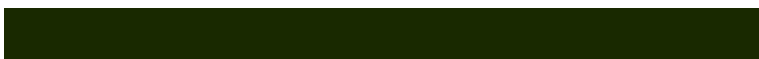
54.7041, 0.3139, 0.3974



13.5566, 0.3207, 0.3524



30.9587, 0.3528, 0.5581



1.7762, 0.3650, 0.5484

Inverse Universe

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



37.5115, 0.2877, 0.2629



52.7424, 0.2807, 0.2458



40.7064, 0.3101, 0.2672



11.6405, 0.3042, 0.3054



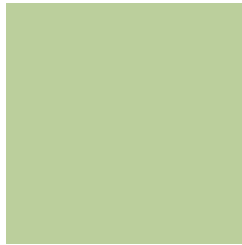
3.9965, 0.1839, 0.0787



0.2689, 0.2049, 0.0903

Previews

White Background



This preview shows how the Yxy color 57.5907, 0.3334, 0.3934 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 57.5907, 0.3334, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

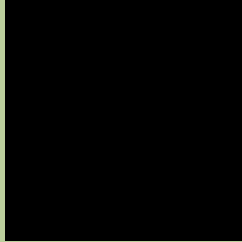
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

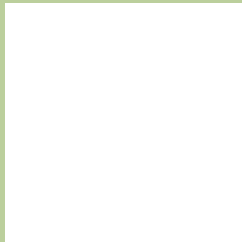
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5907, 0.3334, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 57.5907, 0.3334, 0.3934.



This preview shows how white text looks on a background with the Yxy color 57.5907, 0.3334, 0.3934.

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

57.5907, 0.3334, 0.3934

Protanopia

57.2600, 0.3599, 0.3850

Deuteranopia

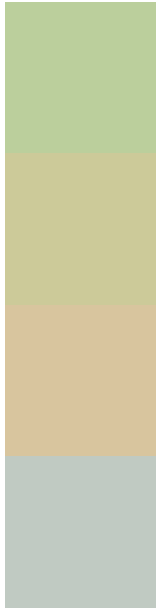
57.3583, 0.3730, 0.3664



Tritanopia

57.3552, 0.2983, 0.3100

Trichromacy



Original Color

57.5907, 0.3334, 0.3934

Protanomaly

57.3783, 0.3507, 0.3887

Deuteranomaly

57.0001, 0.3584, 0.3752

Tritanomaly

57.3426, 0.3107, 0.3388

Monochromacy



Original Color

57.5907, 0.3334, 0.3934

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3895, 0.3204, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5907, 0.3334, 0.3934 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(187, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 156)  
}
```

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(187, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 156) }
```

Border

The CSS property to change the border of an element to Yxy 57.5907, 0.3334, 0.3934 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(187, 207, 156) }
```

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

```
.border{ border-color:rgb(187, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5907, 0.3334, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 156) }
```

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

```
.background{ background-color: rgb(187,  
207, 156) }
```

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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