

Converting Colors

Yxy(58.4711, 0.3374, 0.4113)

Have a look what the booklet for
Yxy(58.4711, 0.3374, 0.4113)
contains.

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Color

Yxy(58.3279, 0.3380, 0.4114)

Conversions

Conversions Part 1

Format	Color
Hex	B8D291
RGB	184, 210, 145
RGB Percent	72%, 82%, 57%
CMY	0.2785, 0.1764, 0.4313
CMYK	0.12, 0.00, 0.31, 0.18
HSL	84°, 42%, 70%
HSV	84°, 31%, 82%
XYZ	47.9213, 58.3279, 35.5298
YIQ	194.8160, 5.3690, -25.7270

Conversions

Conversions Part 2

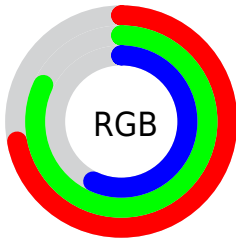
Format	Color
RYB	145, 210, 171
Decimal	12112529
CIELab	80.92, -19.81, 29.41
CIElCh	81, 35.461, 123.957
Yxy	58.3279, 0.3380, 0.4114
Android (android.graphics.Color)	4290302609 (0xFFB8D291)
YUV	194.8160, -24.5593, -9.4856
Hunter-Lab	76.3727, -21.6495, 25.8782

Details

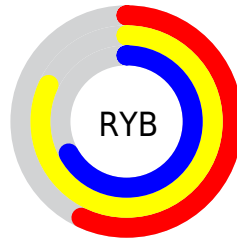
The Yxy color **58.3279, 0.3380, 0.4114** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5767, 0.2804, 0.2441**, and the grayscale version is **54.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3443, 0.3367, 0.3857**, and **28.9967, 0.3429, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **56.7330, 0.3452, 0.4401**, and if you desaturate by 10%, it is **60.1095, 0.3301, 0.3832**.

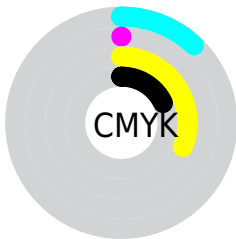
Distribution



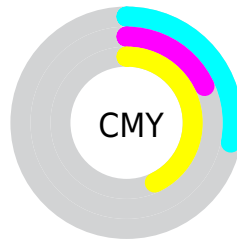
- Red (72%)
- Green (82%)
- Blue (57%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3279, 0.3380, 0.4114 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 58.3279, 0.3380, 0.4114 by changing the saturation by 10% instead.


 58.3279, 0.3380,
0.4114

 58.3279, 0.3380,
0.4114


418.4067, 0.3268,
0.3705

 42.0723, 0.3403,
0.4214


 102.4002, 0.3343,
0.3966

 29.1579, 0.3430,
0.4342


 130.9857, 0.3328,
0.3911

 19.2003, 0.3461,
0.4508


164.4500, 0.3315,
0.3863

 11.8151, 0.3496,
0.4734

203.1774, 0.3303,
0.3823

 6.6179, 0.3527,
0.5055

247.5524, 0.3293,
0.3787

 3.2243, 0.3579,
0.5611

297.9594, 0.3284,

 1.2499, 0.3475,

0.3756

0.6525

354.7826, 0.3275,
0.3729

■ 0.1019, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3279, 0.3380,
0.4114

■ 58.3279, 0.3380,
0.4114

■ 56.7330, 0.3452,
0.4401

■ 60.1095, 0.3301,
0.3832

■ 55.3094, 0.3511,
0.4683


■ 62.0773, 0.3218,
0.3564


■ 54.0513, 0.3553,
0.4948


■ 64.2405, 0.3135,
0.3313


■ 52.9496, 0.3575,
0.5181


■ 66.6054, 0.3054,
0.3082

 51.9939, 0.3572,
0.5372

 69.1780, 0.2976,
0.2872


 51.1719, 0.3545,
0.5511

 70.8882, 0.3002,
0.2831

 50.5240, 0.3505,
0.5599

 72.3500, 0.3062,
0.2839

 73.8805, 0.3121,
0.2847

 74.5782, 0.3148,
0.2851

Harmonies

Analogous

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



58.3279, 0.3785, 0.4053



58.3279, 0.3380, 0.4114



58.3279, 0.2925, 0.3905

Triad

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



58.3279, 0.3380, 0.4114



58.3279, 0.2301, 0.2713



58.3279, 0.3727, 0.3073

Complementary

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



58.3279, 0.3380, 0.4114



33.5767, 0.2804, 0.2441

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.



58.3279, 0.3285, 0.2772



58.3279, 0.3380, 0.4114



58.3279, 0.2477, 0.2561

Square

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



58.3279, 0.3380, 0.4114



58.3279, 0.2323, 0.3042



58.3279, 0.2827, 0.2589



58.3279, 0.4004, 0.3435

Rectangle

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



58.3279, 0.3380, 0.4114



58.3279, 0.2656, 0.3640



58.3279, 0.2827, 0.2589



58.3279, 0.3591, 0.2963

Sweetspot

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



58.3305, 0.3380, 0.4114



96.9067, 0.3203, 0.3516



44.8811, 0.3726, 0.3615



20.6401, 0.3215, 0.3554



0.0000, 0.0000, 0.0000



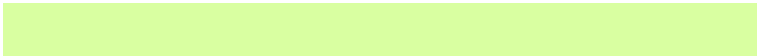
21.4041, 0.3127, 0.3290

Same Dimension

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



58.3305, 0.3380, 0.4114



88.8632, 0.3427, 0.4300



54.7728, 0.3131, 0.4181



13.5516, 0.3205, 0.3524



30.8755, 0.3515, 0.5591



1.7719, 0.3638, 0.5493

Inverse Universe

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



33.5767, 0.2804, 0.2441



44.6547, 0.2718, 0.2242



37.6804, 0.3102, 0.2512



11.6455, 0.3044, 0.3054



4.0468, 0.1852, 0.0794



0.2719, 0.2063, 0.0910

Previews

White Background



This preview shows how the Yxy color 58.3279, 0.3380, 0.4114 looks on a white background.

Color Contrast Check

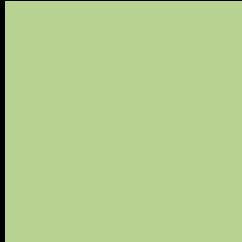
Large Text (above 18pt) WCAG AA × Fail

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 58.3279, 0.3380, 0.4114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

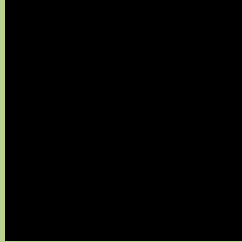
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3279, 0.3380, 0.4114

Background



This preview shows how black text looks on a background with the Yxy color 58.3279, 0.3380, 0.4114.



This preview shows how white text looks on a background with the Yxy color 58.3279, 0.3380, 0.4114.

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

58.3279, 0.3380, 0.4114

Protanopia

57.8306, 0.3705, 0.3985

Deuteranopia

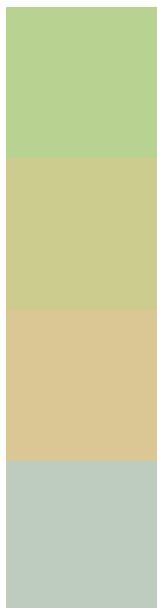
57.8737, 0.3855, 0.3769



Tritanopia

58.2524, 0.2963, 0.3101

Trichromacy



Original Color

58.3279, 0.3380, 0.4114

Protanomaly

57.9761, 0.3582, 0.4042

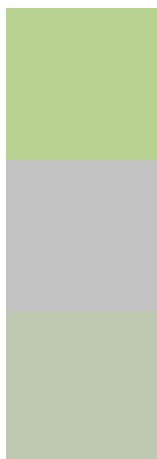
Deuteranomaly

57.8904, 0.3673, 0.3888

Tritanomaly

57.8945, 0.3112, 0.3449

Monochromacy



Original Color

58.3279, 0.3380, 0.4114

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5592, 0.3224, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3279, 0.3380, 0.4114 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, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 210, 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(184, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 210, 145) }
```

Border

The CSS property to change the border of an element to Yxy 58.3279, 0.3380, 0.4114 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, 210, 145) }
```

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

```
.border{ border-color:rgb(184, 210, 145) }
```

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

Here you see how a box with a 4 pixel rgb(184, 210, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 210,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3279, 0.3380, 0.4114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 210, 145) }
```

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

```
.background{ background-color: rgb(184,  
210, 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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