

Converting Colors

Yxy(60.4138, 0.3316, 0.4157)

Have a look what the booklet for
Yxy(60.4138, 0.3316, 0.4157)
contains.

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Color

Yxy(60.2912, 0.3318, 0.4154)

Conversions

Conversions Part 1

Format	Color
Hex	B3D793
RGB	179, 215, 147
RGB Percent	70%, 84%, 58%
CMY	0.2980, 0.1568, 0.4236
CMYK	0.17, 0.00, 0.32, 0.16
HSL	92°, 46%, 71%
HSV	92°, 32%, 84%
XYZ	48.1575, 60.2912, 36.6914
YIQ	196.4840, 0.3720, -28.7800

Conversions

Conversions Part 2

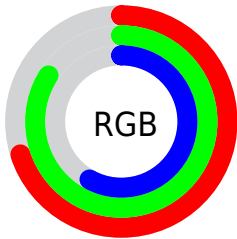
Format	Color
RYB	147, 215, 183
Decimal	11786131
CIELab	82.00, -23.79, 29.78
CIELCh	82, 38.118, 128.618
Yxy	60.2912, 0.3318, 0.4154
Android (android.graphics.Color)	4289976211 (0xFFB3D793)
YUV	196.4840, -24.3956, -15.3335
Hunter-Lab	77.6474, -25.1760, 26.3364

Details

The Yxy color **60.2912, 0.3318, 0.4154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.8290, 0.2871, 0.2437**, and the grayscale version is **55.6584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3992, 0.3315, 0.3844**, and **30.3461, 0.3344, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **58.3808, 0.3367, 0.4457**, and if you desaturate by 10%, it is **62.4449, 0.3261, 0.3861**.

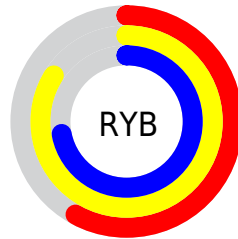
Distribution



Red (70%)

Green (84%)

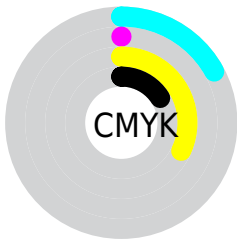
Blue (58%)



Red (58%)

Yellow (84%)

Blue (72%)

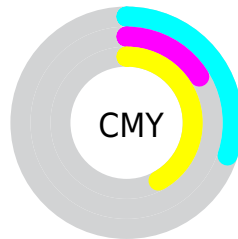


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (30%)


Magenta (16%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2912, 0.3318, 0.4154 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 60.2912, 0.3318, 0.4154 by changing the saturation by 10% instead.


 60.2912, 0.3318,
0.4154

 60.2912, 0.3318,
0.4154


425.6703, 0.3238,
0.3725

 43.6534, 0.3333,
0.4259

 105.2520, 0.3292,
0.3999

 30.3981, 0.3350,
0.4393


 134.3437, 0.3282,
0.3941

 20.1410, 0.3368,
0.4568

168.3556, 0.3272,
0.3891

 12.4976, 0.3383,
0.4805

207.6720, 0.3264,
0.3849

 7.0835, 0.3388,
0.5143

252.6772, 0.3256,
0.3812

 3.5144, 0.3381,
0.5696

303.7558, 0.3249,

 1.4058, 0.3265,

0.3779

0.6735

361.2920, 0.3243,
0.3750

0.2210, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.2912, 0.3318,
0.4154

60.2912, 0.3318,
0.4154

58.3808, 0.3367,
0.4457

62.4449, 0.3261,
0.3861

56.6959, 0.3404,
0.4758

64.8429, 0.3200,
0.3585

55.2288, 0.3425,
0.5044

67.4966, 0.3137,
0.3330

53.9678, 0.3426,
0.5299

70.4140, 0.3075,
0.3098

■ 52.9001, 0.3406,
0.5507

■ 73.6028, 0.3016,
0.2889

■ 52.0106, 0.3365,
0.5658

■ 75.6449, 0.3091,
0.2894

■ 51.3843, 0.3321,
0.5746

■ 77.0829, 0.3145,
0.2901

Harmonies

Analogous

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



60.2912, 0.3766, 0.4127



60.2912, 0.3318, 0.4154



60.2912, 0.2840, 0.3888

Triad

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



60.2912, 0.3318, 0.4154



60.2912, 0.2269, 0.2639



60.2912, 0.3826, 0.3115

Complementary

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



60.2912, 0.3318, 0.4154



35.8290, 0.2871, 0.2437

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.



60.2912, 0.3372, 0.2785



60.2912, 0.3318, 0.4154



60.2912, 0.2485, 0.2512

Square

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



60.2912, 0.3318, 0.4154



60.2912, 0.2258, 0.2959



60.2912, 0.2878, 0.2569



60.2912, 0.4082, 0.3501

Rectangle

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



60.2912, 0.3318, 0.4154



60.2912, 0.2568, 0.3588



60.2912, 0.2878, 0.2569



60.2912, 0.3689, 0.2996

Sweetspot

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



60.2938, 0.3318, 0.4154



96.3785, 0.3184, 0.3517



50.0597, 0.3715, 0.3716



20.5100, 0.3193, 0.3556



0.0000, 0.0000, 0.0000



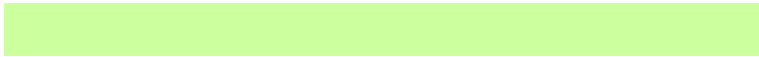
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2938, 0.3318, 0.4154



86.7918, 0.3352, 0.4357



56.9451, 0.3077, 0.4203



14.1798, 0.3186, 0.3526



30.7947, 0.3331, 0.5737



1.9064, 0.3466, 0.5630

Inverse Universe

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



35.8290, 0.2871, 0.2437



45.3167, 0.2801, 0.2239



40.1555, 0.3174, 0.2520



12.3288, 0.3063, 0.3055



5.1279, 0.2087, 0.0923



0.3584, 0.2270, 0.1024

Previews

White Background



This preview shows how the Yxy color 60.2912, 0.3318, 0.4154 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 60.2912, 0.3318, 0.4154 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 60.2912, 0.3318, 0.4154

Background



This preview shows how black text looks on a background with the Yxy color 60.2912, 0.3318, 0.4154.



This preview shows how white text looks on a background with the Yxy color 60.2912, 0.3318, 0.4154.

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

60.2912, 0.3318, 0.4154

Protanopia

59.8805, 0.3721, 0.3996

Deuteranopia

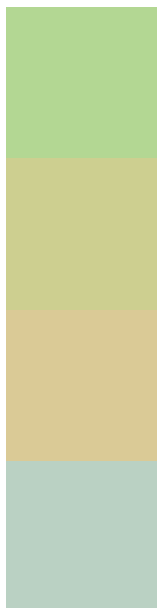
59.7898, 0.3853, 0.3774



Tritanopia

60.3637, 0.2902, 0.3101

Trichromacy



Original Color

60.2912, 0.3318, 0.4154

Protanomaly

59.6184, 0.3567, 0.4048

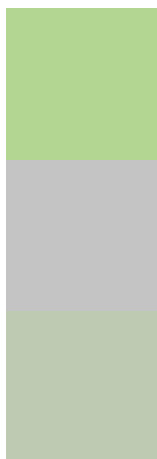
Deuteranomaly

59.3485, 0.3647, 0.3898

Tritanomaly

59.9802, 0.3053, 0.3461

Monochromacy



Original Color

60.2912, 0.3318, 0.4154

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.8734, 0.3206, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2912, 0.3318, 0.4154 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(179, 215, 147)` looks like.

```
.text, #text, p{  
    color:rgb(179, 215, 147)  
}
```

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(179, 215, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 215, 147) }
```

Border

The CSS property to change the border of an element to Yxy 60.2912, 0.3318, 0.4154 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(179, 215, 147) }
```

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

```
.border{ border-color:rgb(179, 215, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 215, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 215, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 215, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 215,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2912, 0.3318, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 215, 147) }
```

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

```
.background{ background-color: rgb(179,  
215, 147) }
```

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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