

Converting Colors

Yxy(61.0817, 0.3049, 0.3457)

Have a look what the booklet for
Yxy(61.0817, 0.3049, 0.3457)
contains.

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Color

Yxy(61.1845, 0.3046, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	BBD3C5
RGB	187, 211, 197
RGB Percent	73%, 83%, 77%
CMY	0.2667, 0.1725, 0.2275
CMYK	0.11, 0.00, 0.07, 0.17
HSL	145°, 21%, 78%
HSV	145°, 11%, 83%
XYZ	53.8636, 61.1845, 61.7857
YIQ	202.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

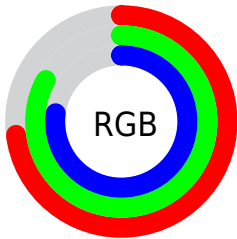
Format	Color
RYB	187, 204, 211
Decimal	12309445
CIELab	82.48, -10.71, 4.21
CIELCh	82, 11.505, 158.534
Yxy	61.1845, 0.3046, 0.3460
Android (android.graphics.Color)	4290499525 (0xFFBBD3C5)
YUV	202.2280, -2.5774, -13.3550
Hunter-Lab	78.2205, -13.9687, 7.9217

Details

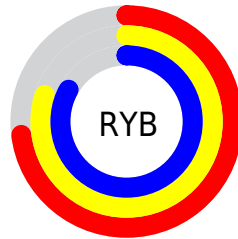
The Yxy color **61.1845, 0.3046, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6069, 0.3218, 0.3126**, and the grayscale version is **59.2338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7304, 0.3059, 0.3300**, and **30.8284, 0.3030, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **58.1766, 0.2977, 0.3629**, and if you desaturate by 10%, it is **64.6348, 0.3117, 0.3309**.

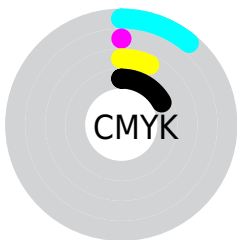
Distribution



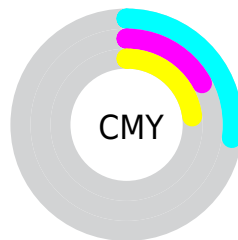
- Red (73%)
- Green (83%)
- Blue (77%)



- Red (73%)
- Yellow (80%)
- Blue (83%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)





- Cyan (27%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1845, 0.3046, 0.3460 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 61.1845, 0.3046, 0.3460 by changing the saturation by 10% instead.

 61.1845, 0.3046,
0.3460

 61.1845, 0.3046,
0.3460

428.9502, 0.3085,
0.3378

 44.3741, 0.3037,
0.3480


 106.5460, 0.3060,
0.3431

 30.9647, 0.3025,
0.3505


135.8659, 0.3065,
0.3420

 20.5720, 0.3009,
0.3537

170.1245, 0.3070,
0.3410

 12.8115, 0.2988,
0.3581

209.7060, 0.3074,
0.3402

 7.2989, 0.2958,
0.3644

254.9949, 0.3077,
0.3395

 3.6497, 0.2911,
0.3742

306.3757, 0.3080,

 1.4796, 0.2829,

0.3388

0.3914

364.2326, 0.3083,
0.3383

0.2743, 0.0000,
0.9844

0.0000, 0.0000,
0.0000

61.1845, 0.3046,
0.3460

61.1845, 0.3046,
0.3460

58.1766, 0.2977,
0.3629

64.6348, 0.3117,
0.3309

55.5851, 0.2911,
0.3815

68.5367, 0.3189,
0.3176

53.3934, 0.2853,
0.4018

72.9089, 0.3259,
0.3059

51.5805, 0.2805,
0.4235

74.5225, 0.3207,
0.2943

■ 50.1234, 0.2771,
0.4461

■ 75.0721, 0.3147,
0.2861

■ 48.9967, 0.2753,
0.4690

■ 48.1712, 0.2755,
0.4915

■ 47.6124, 0.2775,
0.5126

■ 47.2934, 0.2804,
0.5294

Harmonies

Analogous

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



61.1845, 0.3194, 0.3536



61.1845, 0.3046, 0.3460



61.1845, 0.2922, 0.3335

Triad

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



61.1845, 0.3046, 0.3460



61.1845, 0.2929, 0.3044



61.1845, 0.3409, 0.3368

Complementary

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



61.1845, 0.3046, 0.3460



53.6069, 0.3218, 0.3126

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.



61.1845, 0.3335, 0.3241



61.1845, 0.3046, 0.3460



61.1845, 0.3056, 0.3057

Square

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



61.1845, 0.3046, 0.3460



61.1845, 0.2855, 0.3095



61.1845, 0.3205, 0.3129



61.1845, 0.3406, 0.3479

Rectangle

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



61.1845, 0.3046, 0.3460



61.1845, 0.2869, 0.3244



61.1845, 0.3205, 0.3129



61.1845, 0.3393, 0.3326

Sweetspot

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



61.1871, 0.3046, 0.3460



98.2935, 0.3105, 0.3333



62.6532, 0.3222, 0.3575



20.9435, 0.3100, 0.3345



0.0000, 0.0000, 0.0000



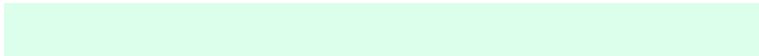
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1871, 0.3046, 0.3460



92.5761, 0.3026, 0.3505



61.7404, 0.2969, 0.3318



13.2867, 0.3060, 0.3429



28.5588, 0.2796, 0.5266



1.6125, 0.2693, 0.4896

Inverse Universe

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



53.6069, 0.3218, 0.3126



78.3796, 0.3243, 0.3084



53.0805, 0.3310, 0.3262



11.9224, 0.3201, 0.3155



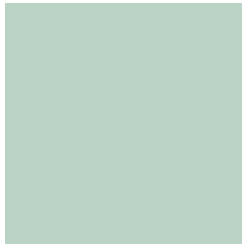
9.2447, 0.4595, 0.2305



0.5325, 0.4273, 0.2128

Previews

White Background



This preview shows how the Yxy color 61.1845, 0.3046, 0.3460 looks on a white background.

Color Contrast Check

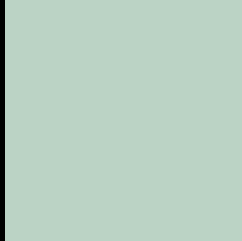
Large Text (above 18pt) WCAG AA × Fail

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 61.1845, 0.3046, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

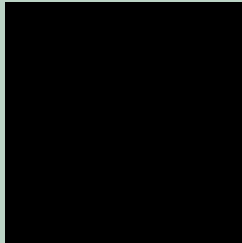
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

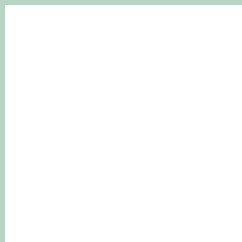
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1845, 0.3046, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 61.1845, 0.3046, 0.3460.



This preview shows how white text looks on a background with the Yxy color 61.1845, 0.3046, 0.3460.

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

61.1845, 0.3046, 0.3460

Protanopia

60.8849, 0.3261, 0.3418

Deuteranopia

60.8892, 0.3344, 0.3268



Tritanopia

61.0838, 0.2897, 0.3091

Trichromacy



Original Color

61.1845, 0.3046, 0.3460

Protanomaly

61.0772, 0.3181, 0.3444

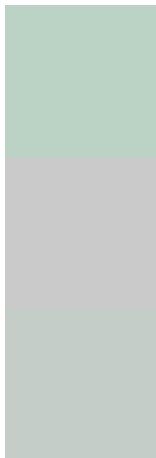
Deuteranomaly

60.8324, 0.3226, 0.3337

Tritanomaly

60.9139, 0.2955, 0.3218

Monochromacy



Original Color

61.1845, 0.3046, 0.3460

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7031, 0.3102, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1845, 0.3046, 0.3460 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, 211, 197)` looks like.

```
.text, #text, p{  
    color:rgb(187, 211, 197)  
}
```

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, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 211, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.1845, 0.3046, 0.3460 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, 211, 197) }
```

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

```
.border{ border-color:rgb(187, 211, 197) }
```

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

Here you see how a box with a 4 pixel rgb(187, 211, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(187, 211,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1845, 0.3046, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 211, 197) }
```

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

```
.background{ background-color: rgb(187,  
211, 197) }
```

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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