

Converting Colors

Yxy(61.6925, 0.3040, 0.3450)

Have a look what the booklet for
Yxy(61.6925, 0.3040, 0.3450)
contains.

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Color

Yxy(61.8556, 0.3046, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	BCD4C6
RGB	188, 212, 198
RGB Percent	74%, 83%, 78%
CMY	0.2629, 0.1686, 0.2235
CMYK	0.11, 0.00, 0.07, 0.17
HSL	145°, 22%, 78%
HSV	145°, 11%, 83%
XYZ	54.4701, 61.8556, 62.4994
YIQ	203.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

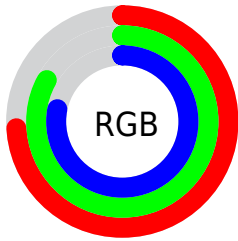
Format	Color
RYB	188, 205, 212
Decimal	12375238
CIELab	82.84, -10.71, 4.19
CIELCh	83, 11.498, 158.609
Yxy	61.8556, 0.3046, 0.3459
Android (android.graphics.Color)	4290565318 (0xFFBCD4C6)
YUV	203.2280, -2.5774, -13.3550
Hunter-Lab	78.6483, -14.0094, 7.9379

Details

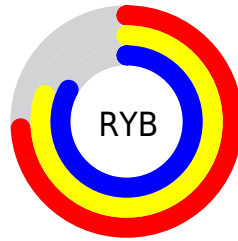
The Yxy color **61.8556, 0.3046, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2144, 0.3218, 0.3127**, and the grayscale version is **59.8912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **31.2785, 0.3031, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **58.8142, 0.2976, 0.3627**, and if you desaturate by 10%, it is **65.3442, 0.3118, 0.3309**.

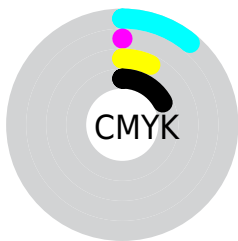
Distribution



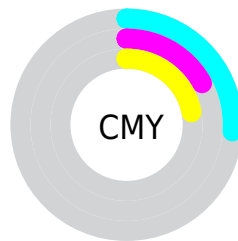
- Red (74%)
- Green (83%)
- Blue (78%)



- Red (74%)
- Yellow (80%)
- Blue (83%)



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



- Cyan (26%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8556, 0.3046, 0.3459 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 61.8556, 0.3046, 0.3459 by changing the saturation by 10% instead.

61.8556, 0.3046,
0.3459

61.8556, 0.3046,
0.3459

431.4042, 0.3085,
0.3378

44.9160, 0.3037,
0.3479

107.5168, 0.3060,
0.3430

31.3913, 0.3025,
0.3503

137.0072, 0.3065,
0.3419

20.8970, 0.3009,
0.3535

171.4501, 0.3070,
0.3410

13.0487, 0.2989,
0.3579

211.2297, 0.3074,
0.3401

7.4621, 0.2959,
0.3641

256.7305, 0.3077,
0.3394

3.7527, 0.2913,
0.3736

308.3370, 0.3080,

1.5362, 0.2832,

0.3388

366.4334, 0.3083,
0.3382

0.3904

0.3140, 0.0928,
0.7853

0.0000, 0.0000,
0.0000

61.8556, 0.3046,
0.3459

61.8556, 0.3046,
0.3459

58.8142, 0.2976,
0.3627

65.3442, 0.3118,
0.3309

56.1939, 0.2911,
0.3813

69.2893, 0.3189,
0.3176

53.9777, 0.2852,
0.4016

73.7099, 0.3259,
0.3059

52.1444, 0.2804,
0.4232

75.0933, 0.3198,
0.2942

■ 50.6708, 0.2770,
0.4458

■ 75.5733, 0.3147,
0.2871

■ 49.5312, 0.2752,
0.4686

■ 48.6962, 0.2753,
0.4910

■ 48.1307, 0.2774,
0.5122

■ 47.8069, 0.2803,
0.5289

Harmonies

Analogous

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



61.8556, 0.3193, 0.3535



61.8556, 0.3046, 0.3459



61.8556, 0.2923, 0.3335

Triad

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



61.8556, 0.3046, 0.3459



61.8556, 0.2930, 0.3045



61.8556, 0.3408, 0.3368

Complementary

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



61.8556, 0.3046, 0.3459



54.2144, 0.3218, 0.3127

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.



61.8556, 0.3334, 0.3242



61.8556, 0.3046, 0.3459



61.8556, 0.3056, 0.3058

Square

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



61.8556, 0.3046, 0.3459



61.8556, 0.2857, 0.3096



61.8556, 0.3205, 0.3130



61.8556, 0.3405, 0.3478

Rectangle

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



61.8556, 0.3046, 0.3459



61.8556, 0.2870, 0.3244



61.8556, 0.3205, 0.3130



61.8556, 0.3392, 0.3326

Sweetspot

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



61.8582, 0.3046, 0.3459



98.2942, 0.3105, 0.3333



63.2785, 0.3219, 0.3575



20.9437, 0.3100, 0.3345



0.0000, 0.0000, 0.0000



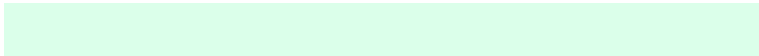
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8582, 0.3046, 0.3459



92.5792, 0.3026, 0.3504



62.4341, 0.2967, 0.3313



13.9812, 0.3060, 0.3429



29.5287, 0.2795, 0.5263



1.7973, 0.2699, 0.4917

Inverse Universe

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



54.2144, 0.3218, 0.3127



78.3764, 0.3243, 0.3085



53.6680, 0.3313, 0.3267



12.5409, 0.3201, 0.3155



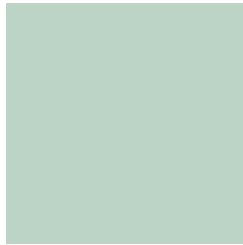
9.5515, 0.4603, 0.2309



0.5924, 0.4298, 0.2141

Previews

White Background



This preview shows how the Yxy color 61.8556, 0.3046, 0.3459 looks on a white background.

Color Contrast Check

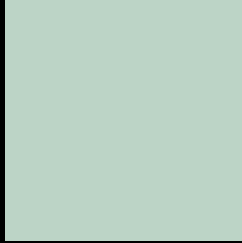
Large Text (above 18pt) WCAG AA × Fail

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 61.8556, 0.3046, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

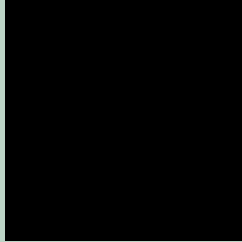
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

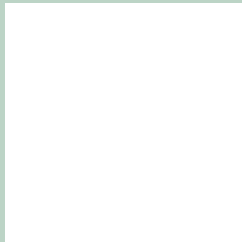
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8556, 0.3046, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 61.8556, 0.3046, 0.3459.

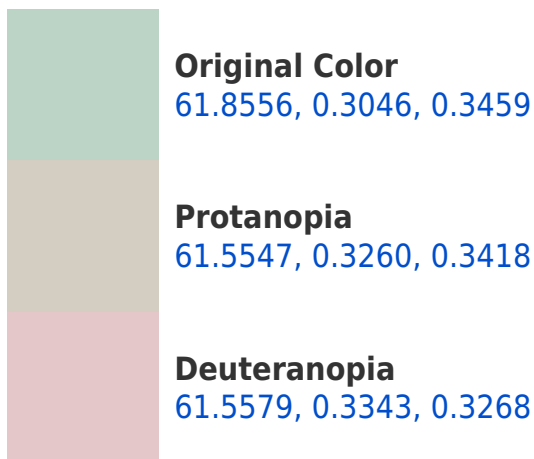


This preview shows how white text looks on a background with the Yxy color 61.8556, 0.3046, 0.3459.

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

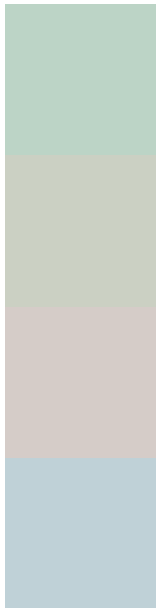




Tritanopia

61.7545, 0.2898, 0.3092

Trichromacy



Original Color

61.8556, 0.3046, 0.3459

Protanomaly

61.7484, 0.3181, 0.3443

Deuteranomaly

61.5020, 0.3225, 0.3336

Tritanomaly

61.5836, 0.2956, 0.3219

Monochromacy



Original Color

61.8556, 0.3046, 0.3459

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3654, 0.3102, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8556, 0.3046, 0.3459 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(188, 212, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 212, 198)  
}
```

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(188, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 212, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.8556, 0.3046, 0.3459 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(188, 212, 198) }
```

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

```
.border{ border-color:rgb(188, 212, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 212, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 212, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 212, 198);  
box-shadow:4px 4px 4px 4px rgb(188, 212,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8556, 0.3046, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 212, 198) }
```

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

```
.background{ background-color: rgb(188,  
212, 198) }
```

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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