

Converting Colors

$Yxy(65.4963, 0.3077, 0.3595)$

Have a look what the booklet for
Yxy(65.4963, 0.3077, 0.3595)
contains.

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Color

Yxy(65.3769, 0.3078, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	BDDBC2
RGB	189, 219, 194
RGB Percent	74%, 86%, 76%
CMY	0.2586, 0.1412, 0.2391
CMYK	0.14, 0.00, 0.11, 0.14
HSL	130°, 29%, 80%
HSV	130°, 14%, 86%
XYZ	56.0686, 65.3769, 60.7136
YIQ	207.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

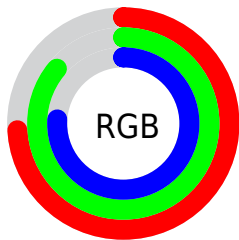
Format	Color
R _{YB}	189, 215, 219
Decimal	12442562
CIE Lab	84.68, -14.62, 8.97
CIE LCh	85, 17.148, 148.476
Yxy	65.3769, 0.3078, 0.3589
Android (android.graphics.Color)	4290632642 (0xFFBDDBC2)
YUV	207.1800, -6.4977, -15.9439
Hunter-Lab	80.8560, -17.7194, 12.0792

Details

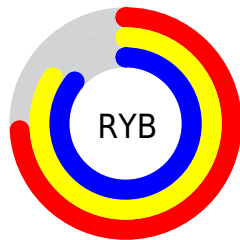
The Yxy color **65.3769, 0.3078, 0.3589** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3376, 0.3181, 0.3008**, and the grayscale version is **62.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8346, 0.3094, 0.3338**, and **33.5953, 0.3063, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **62.0149, 0.3042, 0.3841**, and if you desaturate by 10%, it is **69.2683, 0.3114, 0.3365**.

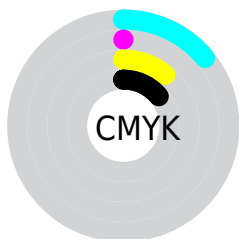
Distribution



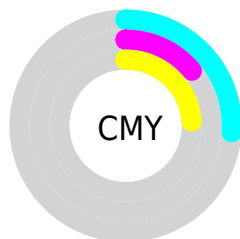
- Red (74%)
- Green (86%)
- Blue (76%)



- Red (74%)
- Yellow (84%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3769, 0.3078, 0.3589 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 65.3769, 0.3078, 0.3589 by changing the saturation by 10% instead.


 65.3769, 0.3078,
0.3589

 65.3769, 0.3078,
0.3589


444.1451, 0.3103,
0.3445

 47.7668, 0.3072,
0.3623


 112.5916, 0.3087,
0.3538

 33.6422, 0.3064,
0.3667


142.9648, 0.3090,
0.3518

 22.6189, 0.3053,
0.3723


178.3613, 0.3093,
0.3502

 14.3123, 0.3039,
0.3799

219.1654, 0.3096,
0.3487

 8.3382, 0.3017,
0.3908

265.7614, 0.3098,
0.3475

 4.3121, 0.2983,
0.4074

318.5338, 0.3100,

 1.8496, 0.2917,

0.3464

0.4362

377.8669, 0.3101,
0.3454

0.5178, 0.2072,
0.7928

0.0000, 0.0000,
0.0000

65.3769, 0.3078,
0.3589

65.3769, 0.3078,
0.3589

62.0149, 0.3042,
0.3841

69.2683, 0.3114,
0.3365

59.1513, 0.3007,
0.4120

73.7020, 0.3149,
0.3169

56.7649, 0.2976,
0.4420

78.7006, 0.3183,
0.2998

54.8294, 0.2951,
0.4732

79.1367, 0.3144,
0.2940

■ 53.3160, 0.2935,
0.5042

■ 52.1927, 0.2929,
0.5332

■ 51.4225, 0.2934,
0.5581

■ 50.9612, 0.2951,
0.5775

■ 50.7858, 0.2963,
0.5866

Harmonies

Analogous

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



65.3769, 0.3292, 0.3667



65.3769, 0.3078, 0.3589



65.3769, 0.2882, 0.3422

Triad

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



65.3769, 0.3078, 0.3589



65.3769, 0.2793, 0.2948



65.3769, 0.3516, 0.3339

Complementary

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



65.3769, 0.3078, 0.3589



56.3376, 0.3181, 0.3008

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.



65.3769, 0.3373, 0.3160



65.3769, 0.3078, 0.3589



65.3769, 0.2954, 0.2939

Square

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



65.3769, 0.3078, 0.3589



65.3769, 0.2721, 0.3048



65.3769, 0.3166, 0.3015



65.3769, 0.3550, 0.3513

Rectangle

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



65.3769, 0.3078, 0.3589



65.3769, 0.2786, 0.3287



65.3769, 0.3166, 0.3015



65.3769, 0.3479, 0.3277

Sweetspot

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



65.3797, 0.3078, 0.3589



97.5804, 0.3113, 0.3373



68.7050, 0.3297, 0.3630



20.7918, 0.3110, 0.3389



0.0000, 0.0000, 0.0000



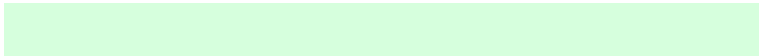
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3797, 0.3078, 0.3589



91.0644, 0.3069, 0.3649



66.0632, 0.2985, 0.3413



14.6413, 0.3093, 0.3491



30.1281, 0.2958, 0.5847



1.9628, 0.2882, 0.5574

Inverse Universe

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



56.3376, 0.3181, 0.3008



76.2468, 0.3191, 0.2956



55.6294, 0.3294, 0.3170



13.2359, 0.3163, 0.3097



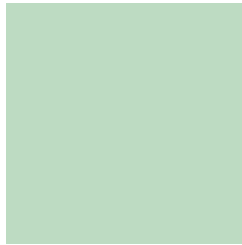
10.9644, 0.3675, 0.1798



0.7204, 0.3587, 0.1750

Previews

White Background



This preview shows how the Yxy color 65.3769, 0.3078, 0.3589 looks on a white background.

Color Contrast Check

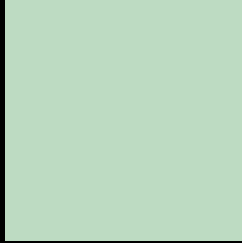
Large Text (above 18pt) WCAG AA × Fail

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 65.3769, 0.3078, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

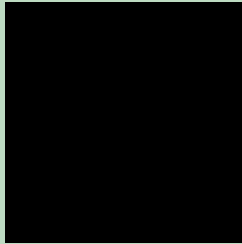
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

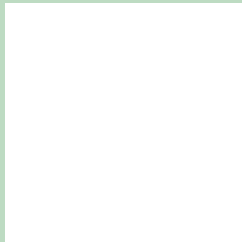
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3769, 0.3078, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 65.3769, 0.3078, 0.3589.

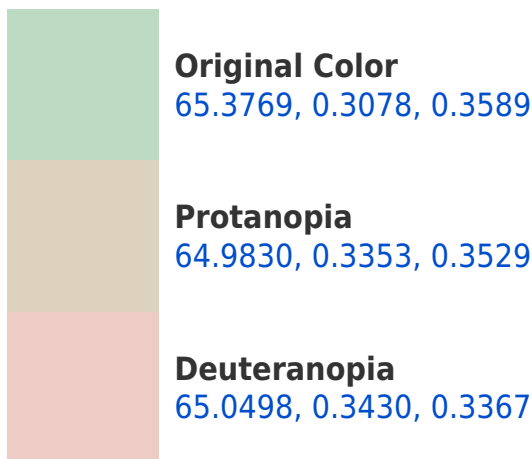


This preview shows how white text looks on a background with the Yxy color 65.3769, 0.3078, 0.3589.

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

65.4648, 0.2884, 0.3096

Trichromacy



Original Color

65.3769, 0.3078, 0.3589

Protanomaly

64.9054, 0.3250, 0.3545

Deuteranomaly

64.6465, 0.3296, 0.3438

Tritanomaly

65.5111, 0.2952, 0.3266

Monochromacy



Original Color

65.3769, 0.3078, 0.3589

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1322, 0.3107, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3769, 0.3078, 0.3589 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(189, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 194)  
}
```

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(189, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 194) }
```

Border

The CSS property to change the border of an element to Yxy 65.3769, 0.3078, 0.3589 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(189, 219, 194) }
```

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

```
.border{ border-color:rgb(189, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3769, 0.3078, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 194) }
```

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

```
.background{ background-color: rgb(189,  
219, 194) }
```

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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