

Converting Colors

Yxy(65.2935, 0.3064, 0.3551)

Have a look what the booklet for
Yxy(65.2935, 0.3064, 0.3551)
contains.

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Color

Yxy(65.5131, 0.3058, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	BDDBC5
RGB	189, 219, 197
RGB Percent	74%, 86%, 77%
CMY	0.2590, 0.1411, 0.2275
CMYK	0.14, 0.00, 0.10, 0.14
HSL	136°, 29%, 80%
HSV	136°, 14%, 86%
XYZ	56.3859, 65.5131, 62.4891
YIQ	207.5220, -10.8180, -13.2020

Conversions

Conversions Part 2

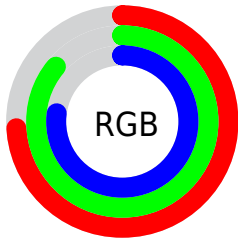
Format	Color
RYB	189, 213, 219
Decimal	12442565
CIELab	84.75, -14.13, 7.50
CIELCh	85, 15.995, 152.049
Yxy	65.5131, 0.3058, 0.3553
Android (android.graphics.Color)	4290632645 (0xFFBDDBC5)
YUV	207.5220, -5.1873, -16.2438
Hunter-Lab	80.9402, -17.2956, 10.8838

Details

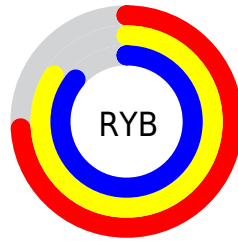
The Yxy color **65.5131, 0.3058, 0.3553** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1404, 0.3204, 0.3041**, and the grayscale version is **62.7866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0882, 0.3071, 0.3300**, and **33.6850, 0.3038, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **62.2272, 0.3009, 0.3773**, and if you desaturate by 10%, it is **69.3058, 0.3108, 0.3357**.

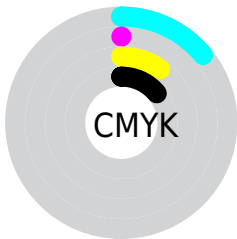
Distribution



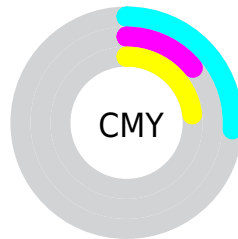
- Red (74%)
- Green (86%)
- Blue (77%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5131, 0.3058, 0.3553 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 65.5131, 0.3058, 0.3553 by changing the saturation by 10% instead.

 65.5131, 0.3058,
0.3553

 65.5131, 0.3058,
0.3553

444.6335, 0.3092,
0.3427

 47.8773, 0.3050,
0.3583


 112.7872, 0.3070,
0.3508

 33.7297, 0.3039,
0.3621

143.1943, 0.3075,
0.3491

 22.6860, 0.3026,
0.3670


178.6272, 0.3079,
0.3476

 14.3618, 0.3007,
0.3737

219.4704, 0.3082,
0.3464

 8.3728, 0.2980,
0.3831

266.1082, 0.3085,
0.3453

 4.3344, 0.2938,
0.3976

318.9251, 0.3088,

 1.8623, 0.2863,

0.3443

378.3054, 0.3090,
0.3434

0.4225

0.5256, 0.2123,
0.7216

0.0000, 0.0000,
0.0000

65.5131, 0.3058,
0.3553

65.5131, 0.3058,
0.3553

62.2272, 0.3009,
0.3773

69.3058, 0.3108,
0.3357

59.4184, 0.2962,
0.4016

73.6170, 0.3158,
0.3184

57.0665, 0.2921,
0.4279

78.4684, 0.3207,
0.3033

55.1469, 0.2889,
0.4557

79.1523, 0.3144,
0.2940

■ 53.6321, 0.2868,
0.4838

■ 52.4919, 0.2862,
0.5111

■ 51.6913, 0.2871,
0.5362

■ 51.1883, 0.2895,
0.5576

■ 50.9833, 0.2913,
0.5688

Harmonies

Analogous

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



65.5131, 0.3259, 0.3638



65.5131, 0.3058, 0.3553



65.5131, 0.2880, 0.3391

Triad

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



65.5131, 0.3058, 0.3553



65.5131, 0.2830, 0.2965



65.5131, 0.3499, 0.3357

Complementary

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



65.5131, 0.3058, 0.3553



56.1404, 0.3204, 0.3041

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.



65.5131, 0.3376, 0.3187



65.5131, 0.3058, 0.3553



65.5131, 0.2988, 0.2966

Square

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



65.5131, 0.3058, 0.3553



65.5131, 0.2751, 0.3050



65.5131, 0.3188, 0.3047



65.5131, 0.3517, 0.3515

Rectangle

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



65.5131, 0.3058, 0.3553



65.5131, 0.2797, 0.3266



65.5131, 0.3188, 0.3047



65.5131, 0.3468, 0.3299

Sweetspot

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



65.5159, 0.3058, 0.3553



97.6445, 0.3107, 0.3363



68.1934, 0.3272, 0.3635



20.8080, 0.3103, 0.3377



0.0000, 0.0000, 0.0000



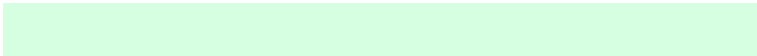
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5159, 0.3058, 0.3553



91.2882, 0.3046, 0.3604



66.2388, 0.2962, 0.3372



14.6631, 0.3080, 0.3466



30.2408, 0.2906, 0.5663



1.9734, 0.2816, 0.5338

Inverse Universe

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



56.1404, 0.3204, 0.3041



75.9919, 0.3220, 0.2995



55.4222, 0.3322, 0.3210



13.2123, 0.3178, 0.3120



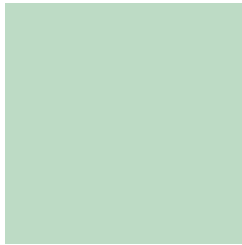
10.4636, 0.4020, 0.1988



0.6919, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 65.5131, 0.3058, 0.3553 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 65.5131, 0.3058, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

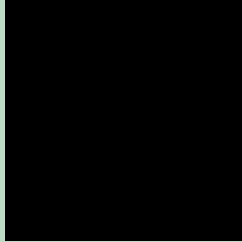
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

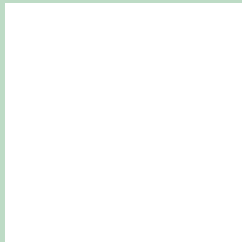
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5131, 0.3058, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 65.5131, 0.3058, 0.3553.

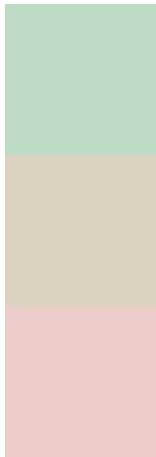


This preview shows how white text looks on a background with the Yxy color 65.5131, 0.3058, 0.3553.

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

65.5131, 0.3058, 0.3553

Protanopia

64.9590, 0.3323, 0.3495

Deuteranopia

65.1887, 0.3407, 0.3334



Tritanopia

65.4648, 0.2884, 0.3096

Trichromacy



Original Color

65.5131, 0.3058, 0.3553

Protanomaly

64.8934, 0.3221, 0.3510

Deuteranomaly

64.7845, 0.3274, 0.3403

Tritanomaly

65.5637, 0.2945, 0.3255

Monochromacy



Original Color

65.5131, 0.3058, 0.3553

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8641, 0.3101, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5131, 0.3058, 0.3553 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 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(189, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 197) }
```

Border

The CSS property to change the border of an element to Yxy 65.5131, 0.3058, 0.3553 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, 197) }
```

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

```
.border{ border-color:rgb(189, 219, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5131, 0.3058, 0.3553 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, 197) }
```

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

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