

Converting Colors

Yxy(65.7993, 0.3048, 0.3548)

Have a look what the booklet for
Yxy(65.7993, 0.3048, 0.3548)
contains.

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Color

Yxy(65.9550, 0.3045, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	BCDCC6
RGB	188, 220, 198
RGB Percent	74%, 86%, 78%
CMY	0.2627, 0.1372, 0.2237
CMYK	0.15, 0.00, 0.10, 0.14
HSL	139°, 31%, 80%
HSV	139°, 15%, 86%
XYZ	56.5249, 65.9550, 63.1520
YIQ	207.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

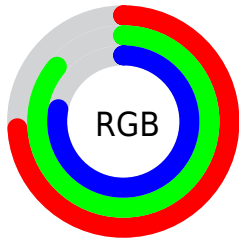
Format	Color
R _Y B	188, 212, 220
Decimal	12377286
CIE Lab	84.97, -14.76, 7.30
CIE LCh	85, 16.466, 153.677
Yxy	65.9550, 0.3045, 0.3553
Android (android.graphics.Color)	4290567366 (0xFFBCDCC6)
YUV	207.9240, -4.8925, -17.4733
Hunter-Lab	81.2127, -17.8843, 10.7443

Details

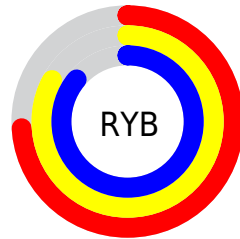
The Yxy color **65.9550, 0.3045, 0.3553** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.8479, 0.3220, 0.3041**, and the grayscale version is **63.0648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **33.9922, 0.3020, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **62.7080, 0.2990, 0.3761**, and if you desaturate by 10%, it is **69.7035, 0.3101, 0.3367**.

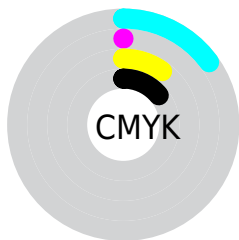
Distribution



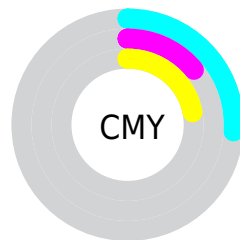
- Red (74%)
- Green (86%)
- Blue (78%)



- Red (74%)
- Yellow (83%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9550, 0.3045, 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 65.9550, 0.3045, 0.3553 by changing the saturation by 10% instead.


 65.9550, 0.3045,
0.3553

 65.9550, 0.3045,
0.3553


446.2159, 0.3085,
0.3427

 48.2359, 0.3035,
0.3583


 113.4217, 0.3059,
0.3508

 34.0137, 0.3023,
0.3621


143.9382, 0.3065,
0.3491

 22.9041, 0.3007,
0.3670


179.4891, 0.3069,
0.3476

 14.5227, 0.2986,
0.3736

220.4590, 0.3073,
0.3464

 8.4851, 0.2955,
0.3830

267.2322, 0.3077,
0.3453

 4.4069, 0.2907,
0.3974

320.1932, 0.3080,

 1.9037, 0.2823,

0.3443

0.4221

379.7263, 0.3083,
0.3434

0.5506, 0.2031,
0.6859

0.0000, 0.0000,
0.0000

65.9550, 0.3045,
0.3553

65.9550, 0.3045,
0.3553

62.7080, 0.2990,
0.3761

69.7035, 0.3101,
0.3367

59.9330, 0.2939,
0.3991

73.9652, 0.3158,
0.3203

57.6098, 0.2894,
0.4239

78.7617, 0.3213,
0.3059

55.7138, 0.2859,
0.4501

79.6685, 0.3143,
0.2950

■ 54.2176, 0.2837,
0.4768

■ 53.0908, 0.2831,
0.5030

■ 52.2983, 0.2841,
0.5274

■ 51.7976, 0.2868,
0.5487

■ 51.6103, 0.2886,
0.5589

Harmonies

Analogous

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



65.9550, 0.3251, 0.3645



65.9550, 0.3045, 0.3553



65.9550, 0.2865, 0.3383

Triad

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



65.9550, 0.3045, 0.3553



65.9550, 0.2829, 0.2955



65.9550, 0.3513, 0.3368

Complementary

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



65.9550, 0.3045, 0.3553



55.8479, 0.3220, 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.



65.9550, 0.3392, 0.3193



65.9550, 0.3045, 0.3553



65.9550, 0.2994, 0.2960

Square

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



65.9550, 0.3045, 0.3553



65.9550, 0.2743, 0.3036



65.9550, 0.3201, 0.3047



65.9550, 0.3526, 0.3529

Rectangle

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



65.9550, 0.3045, 0.3553



65.9550, 0.2783, 0.3254



65.9550, 0.3201, 0.3047



65.9550, 0.3483, 0.3309

Sweetspot

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



65.9578, 0.3045, 0.3553



97.6720, 0.3104, 0.3358



68.5819, 0.3272, 0.3657



20.8149, 0.3100, 0.3372



0.0000, 0.0000, 0.0000



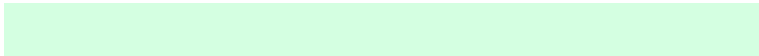
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9578, 0.3045, 0.3553



90.9079, 0.3030, 0.3605



66.7174, 0.2946, 0.3365



14.6726, 0.3074, 0.3455



30.3060, 0.2878, 0.5562



1.9786, 0.2786, 0.5229

Inverse Universe

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



55.8479, 0.3220, 0.3041



74.5547, 0.3239, 0.2994



55.1054, 0.3344, 0.3217



13.2024, 0.3185, 0.3130



10.2743, 0.4181, 0.2077



0.6808, 0.3985, 0.1969

Previews

White Background



This preview shows how the Yxy color 65.9550, 0.3045, 0.3553 looks on a white background.

Color Contrast Check

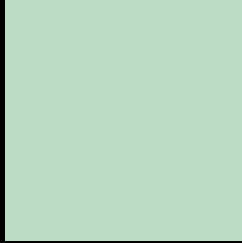
Large Text (above 18pt) WCAG AA × Fail

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 65.9550, 0.3045, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

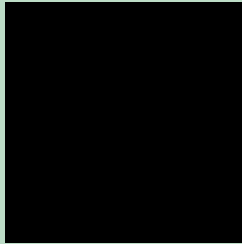
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

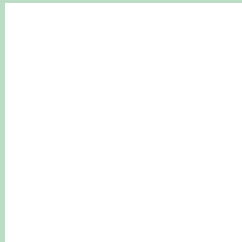
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9550, 0.3045, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 65.9550, 0.3045, 0.3553.

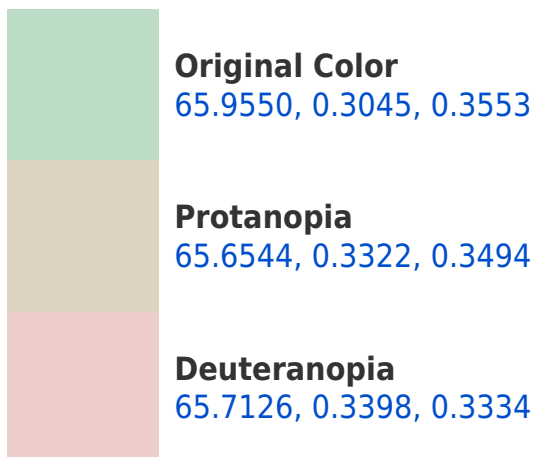


This preview shows how white text looks on a background with the Yxy color 65.9550, 0.3045, 0.3553.

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

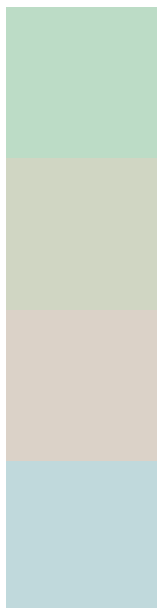




Tritanopia

65.8964, 0.2871, 0.3096

Trichromacy



Original Color

65.9550, 0.3045, 0.3553

Protanomaly

65.4432, 0.3213, 0.3510

Deuteranomaly

65.3234, 0.3266, 0.3403

Tritanomaly

65.9995, 0.2933, 0.3255

Monochromacy



Original Color

65.9550, 0.3045, 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 65.9550, 0.3045, 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(188, 220, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 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, 220, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 198) }
```

Border

The CSS property to change the border of an element to Yxy 65.9550, 0.3045, 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(188, 220, 198) }
```

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

```
.border{ border-color:rgb(188, 220, 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, 220, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 198);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9550, 0.3045, 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(188, 220, 198) }
```

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

```
.background{ background-color: rgb(188,  
220, 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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