

Converting Colors

Yxy(65.6460, 0.3052, 0.3714)

Have a look what the booklet for
Yxy(65.6460, 0.3052, 0.3714)
contains.

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Color

Yxy(65.5767, 0.3052, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	B4DEBC
RGB	180, 222, 188
RGB Percent	71%, 87%, 74%
CMY	0.2942, 0.1294, 0.2627
CMYK	0.19, 0.00, 0.15, 0.13
HSL	131°, 39%, 79%
HSV	131°, 19%, 87%
XYZ	54.0189, 65.5767, 57.3995
YIQ	205.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

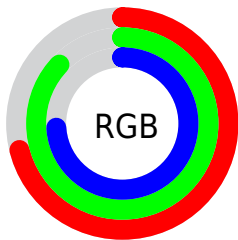
Format	Color
RYB	180, 215, 222
Decimal	11853500
CIELab	84.78, -20.23, 12.19
CIELCh	85, 23.623, 148.923
Yxy	65.5767, 0.3052, 0.3705
Android (android.graphics.Color)	4290043580 (0xFFB4DEBC)
YUV	205.5660, -8.6600, -22.4214
Hunter-Lab	80.9794, -22.6421, 14.6599

Details

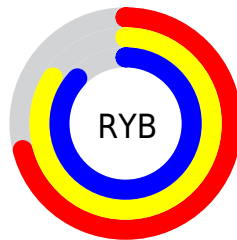
The Yxy color **65.5767, 0.3052, 0.3705** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.0185, 0.3213, 0.2908**, and the grayscale version is **61.4928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8845, 0.3073, 0.3399**, and **33.8987, 0.3031, 0.3814** is the 20% darker color. If you saturate the color by 10%, you get **62.3984, 0.3013, 0.3963**, and if you desaturate by 10%, it is **69.2836, 0.3092, 0.3474**.

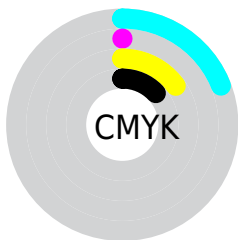
Distribution



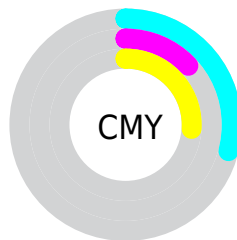
- Red (71%)
- Green (87%)
- Blue (74%)



- Red (71%)
- Yellow (84%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5767, 0.3052, 0.3705 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 65.5767, 0.3052, 0.3705 by changing the saturation by 10% instead.

■ 65.5767, 0.3052,
0.3705

■ 65.5767, 0.3052,
0.3705

444.8615, 0.3090,
0.3504

■ 47.9289, 0.3042,
0.3754

■ 112.8786, 0.3066,
0.3633

■ 33.7706, 0.3030,
0.3815

143.3014, 0.3071,
0.3606

■ 22.7174, 0.3013,
0.3895

178.7513, 0.3076,
0.3582

■ 14.3850, 0.2990,
0.4003

219.6128, 0.3079,
0.3562

■ 8.3889, 0.2955,
0.4158

266.2701, 0.3083,
0.3545

■ 4.3448, 0.2897,
0.4399

319.1077, 0.3086,

■ 1.8682, 0.2787,

0.3529

0.4817

378.5101, 0.3088,
0.3516

0.5292, 0.0168,
0.9832

0.0000, 0.0000,
0.0000

65.5767, 0.3052,
0.3705

65.5767, 0.3052,
0.3705

62.3984, 0.3013,
0.3963

69.2836, 0.3092,
0.3474

59.7166, 0.2977,
0.4245

73.5329, 0.3131,
0.3269

57.5084, 0.2947,
0.4544

78.3486, 0.3169,
0.3091

55.7458, 0.2925,
0.4850

80.7267, 0.3142,
0.2970

■ 54.3979, 0.2914,
0.5147

■ 53.4295, 0.2915,
0.5418

■ 52.7998, 0.2928,
0.5644

■ 52.4470, 0.2951,
0.5814

■ 52.4174, 0.2953,
0.5829

Harmonies

Analogous

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



65.5767, 0.3346, 0.3814



65.5767, 0.3052, 0.3705



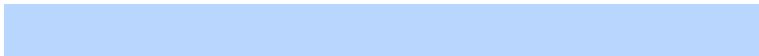
65.5767, 0.2787, 0.3467

Triad

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



65.5767, 0.3052, 0.3705



65.5767, 0.2674, 0.2822



65.5767, 0.3666, 0.3355

Complementary

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



65.5767, 0.3052, 0.3705



53.0185, 0.3213, 0.2908

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.



65.5767, 0.3469, 0.3114



65.5767, 0.3052, 0.3705



65.5767, 0.2892, 0.2814

Square

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



65.5767, 0.3052, 0.3705



65.5767, 0.2576, 0.2952



65.5767, 0.3182, 0.2920



65.5767, 0.3710, 0.3592

Rectangle

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



65.5767, 0.3052, 0.3705



65.5767, 0.2659, 0.3278



65.5767, 0.3182, 0.2920



65.5767, 0.3615, 0.3272

Sweetspot

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



65.5795, 0.3052, 0.3705



96.4414, 0.3103, 0.3412



69.8829, 0.3353, 0.3768



20.5631, 0.3101, 0.3426



0.0000, 0.0000, 0.0000



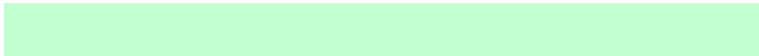
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5795, 0.3052, 0.3705



87.8359, 0.3035, 0.3811



66.5362, 0.2924, 0.3448



15.3799, 0.3090, 0.3485



31.1447, 0.2947, 0.5809



2.1712, 0.2871, 0.5534

Inverse Universe

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



53.0185, 0.3213, 0.2908



67.4160, 0.3235, 0.2819



52.0284, 0.3383, 0.3137



13.8883, 0.3167, 0.3102



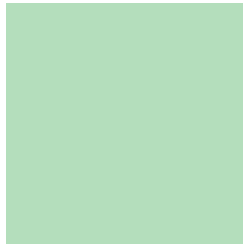
11.1856, 0.3759, 0.1845



0.7870, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 65.5767, 0.3052, 0.3705 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 65.5767, 0.3052, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

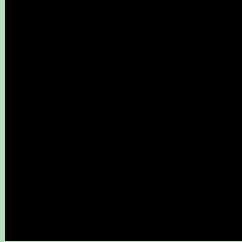
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

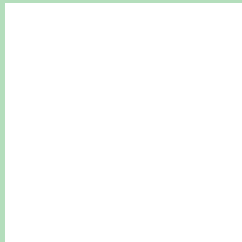
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5767, 0.3052, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 65.5767, 0.3052, 0.3705.



This preview shows how white text looks on a background with the Yxy color 65.5767, 0.3052, 0.3705.

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

65.5767, 0.3052, 0.3705

Protanopia

65.4955, 0.3418, 0.3619

Deuteranopia

65.3422, 0.3492, 0.3421



Tritanopia

65.6863, 0.2826, 0.3094

Trichromacy



Original Color

65.5767, 0.3052, 0.3705

Protanomaly

65.3270, 0.3281, 0.3652

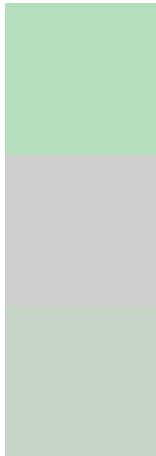
Deuteranomaly

65.2555, 0.3321, 0.3518

Tritanomaly

65.4668, 0.2905, 0.3301

Monochromacy



Original Color

65.5767, 0.3052, 0.3705

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.0808, 0.3105, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5767, 0.3052, 0.3705 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(180, 222, 188)` looks like.

```
.text, #text, p{  
    color:rgb(180, 222, 188)  
}
```

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(180, 222, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 222, 188) }
```

Border

The CSS property to change the border of an element to Yxy 65.5767, 0.3052, 0.3705 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(180, 222, 188) }
```

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

```
.border{ border-color:rgb(180, 222, 188) }
```

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

Here you see how a box with a 4 pixel rgb(180, 222, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 222, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 222, 188);  
box-shadow:4px 4px 4px 4px rgb(180, 222,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5767, 0.3052, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 222, 188) }
```

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

```
.background{ background-color: rgb(180,  
222, 188) }
```

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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