

Converting Colors

$Yxy(66.3607, 0.3040, 0.3678)$

Have a look what the booklet for
Yxy(66.3607, 0.3040, 0.3678)
contains.

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Color

Yxy(66.3607, 0.3040, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	B5DFBF
RGB	181, 223, 191
RGB Percent	71%, 87%, 75%
CMY	0.2902, 0.1255, 0.2509
CMYK	0.19, 0.00, 0.14, 0.13
HSL	134°, 40%, 79%
HSV	134°, 19%, 87%
XYZ	54.8495, 66.3607, 59.2158
YIQ	206.7940, -14.7600, -18.8560

Conversions

Conversions Part 2

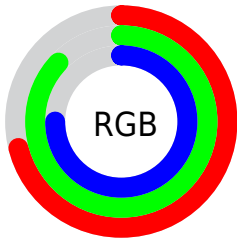
Format	Color
RYB	181, 215, 223
Decimal	11919295
CIELab	85.18, -19.84, 11.20
CIELCh	85, 22.786, 150.566
Yxy	66.3607, 0.3040, 0.3678
Android (android.graphics.Color)	4290109375 (0xFFB5DFBF)
YUV	206.7940, -7.7864, -22.6213
Hunter-Lab	81.4621, -22.3722, 13.9248

Details

The Yxy color **66.3607, 0.3040, 0.3678** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.5420, 0.3228, 0.2931**, and the grayscale version is **62.3181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2399, 0.3062, 0.3369**, and **34.4294, 0.3016, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **63.1748, 0.2995, 0.3920**, and if you desaturate by 10%, it is **70.0704, 0.3086, 0.3461**.

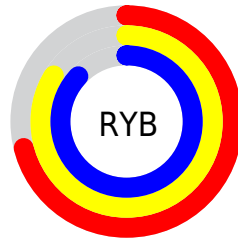
Distribution



Red (71%)

Green (87%)

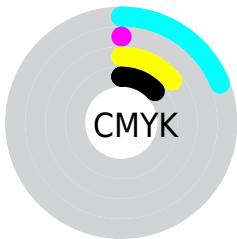
Blue (75%)



Red (71%)

Yellow (84%)

Blue (87%)

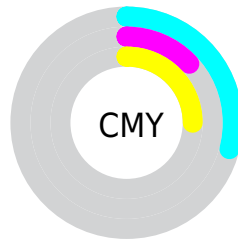


Cyan (19%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3607, 0.3040, 0.3678 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 66.3607, 0.3040, 0.3678 by changing the saturation by 10% instead.

 66.3607, 0.3040,
0.3678

 66.3607, 0.3040,
0.3678

447.6658, 0.3084,
0.3490

 48.5653, 0.3029,
0.3723

 114.0039, 0.3056,
0.3611

 34.2748, 0.3015,
0.3780

144.6204, 0.3062,
0.3586

 23.1047, 0.2997,
0.3854


180.2794, 0.3067,
0.3564

 14.6709, 0.2972,
0.3954

221.3654, 0.3071,
0.3545

 8.5887, 0.2935,
0.4097

268.2626, 0.3075,
0.3529

 4.4739, 0.2875,
0.4317

321.3554, 0.3078,

 1.9420, 0.2765,

0.3514

0.4697

381.0284, 0.3081,
0.3502

0.5735, 0.0956,
0.9044

0.0000, 0.0000,
0.0000

66.3607, 0.3040,
0.3678

66.3607, 0.3040,
0.3678

63.1748, 0.2995,
0.3920

70.0704, 0.3086,
0.3461

60.4809, 0.2954,
0.4185

74.3174, 0.3133,
0.3269

58.2565, 0.2920,
0.4467

79.1252, 0.3178,
0.3101

56.4740, 0.2895,
0.4758

81.2569, 0.3142,
0.2980

■ 55.1030, 0.2883,
0.5045

■ 54.1091, 0.2884,
0.5312

■ 53.4517, 0.2900,
0.5544

■ 53.0708, 0.2927,
0.5729

■ 53.0353, 0.2930,
0.5748

Harmonies

Analogous

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



66.3607, 0.3323, 0.3791



66.3607, 0.3040, 0.3678



66.3607, 0.2788, 0.3446

Triad

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



66.3607, 0.3040, 0.3678



66.3607, 0.2700, 0.2836



66.3607, 0.3651, 0.3366

Complementary

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



66.3607, 0.3040, 0.3678



53.5420, 0.3228, 0.2931

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.



66.3607, 0.3469, 0.3133



66.3607, 0.3040, 0.3678



66.3607, 0.2915, 0.2835

Square

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



66.3607, 0.3040, 0.3678



66.3607, 0.2598, 0.2956



66.3607, 0.3196, 0.2943



66.3607, 0.3685, 0.3593

Rectangle

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



66.3607, 0.3040, 0.3678



66.3607, 0.2669, 0.3264



66.3607, 0.3196, 0.2943



66.3607, 0.3605, 0.3287

Sweetspot

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



66.3635, 0.3040, 0.3678



96.4848, 0.3099, 0.3405



70.2898, 0.3336, 0.3768



20.5733, 0.3096, 0.3418



0.0000, 0.0000, 0.0000



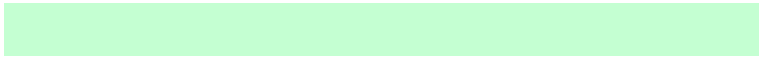
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3635, 0.3040, 0.3678



87.9723, 0.3020, 0.3780



67.3448, 0.2912, 0.3422



15.3905, 0.3083, 0.3474



31.1978, 0.2924, 0.5725



2.1764, 0.2841, 0.5429

Inverse Universe

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



53.5420, 0.3228, 0.2931



67.2501, 0.3255, 0.2845



52.5531, 0.3399, 0.3162



13.8768, 0.3174, 0.3113



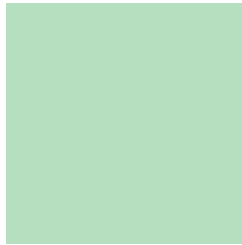
10.9459, 0.3919, 0.1932



0.7723, 0.3786, 0.1860

Previews

White Background



This preview shows how the Yxy color 66.3607, 0.3040, 0.3678 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 66.3607, 0.3040, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

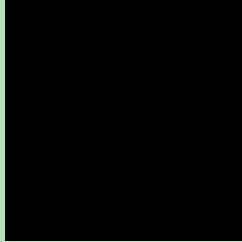
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

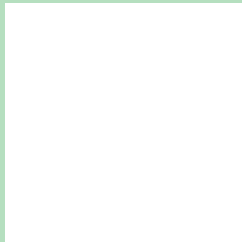
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3607, 0.3040, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 66.3607, 0.3040, 0.3678.



This preview shows how white text looks on a background with the Yxy color 66.3607, 0.3040, 0.3678.

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

66.3607, 0.3040, 0.3678

Protanopia

66.1193, 0.3394, 0.3595

Deuteranopia

65.9535, 0.3467, 0.3399



Tritanopia

66.3850, 0.2828, 0.3095

Trichromacy



Original Color

66.3607, 0.3040, 0.3678

Protanomaly

65.9650, 0.3259, 0.3628

Deuteranomaly

65.8874, 0.3298, 0.3494

Tritanomaly

66.1641, 0.2906, 0.3301

Monochromacy



Original Color

66.3607, 0.3040, 0.3678

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.8113, 0.3099, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3607, 0.3040, 0.3678 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(181, 223, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 223, 191)  
}
```

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(181, 223, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 223, 191) }
```

Border

The CSS property to change the border of an element to Yxy 66.3607, 0.3040, 0.3678 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(181, 223, 191) }
```

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

```
.border{ border-color:rgb(181, 223, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 223, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 223, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 223, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 223,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3607, 0.3040, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 223, 191) }
```

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

```
.background{ background-color: rgb(181,  
223, 191) }
```

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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