

Converting Colors

$Yxy(66.0070, 0.3055, 0.3677)$

Have a look what the booklet for
Yxy(66.0070, 0.3055, 0.3677)
contains.

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Color

Yxy(65.9053, 0.3053, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	B6DEBE
RGB	182, 222, 190
RGB Percent	71%, 87%, 75%
CMY	0.2864, 0.1294, 0.2547
CMYK	0.18, 0.00, 0.14, 0.13
HSL	132°, 38%, 79%
HSV	132°, 18%, 87%
XYZ	54.7061, 65.9053, 58.5765
YIQ	206.3920, -13.5680, -18.4320

Conversions

Conversions Part 2

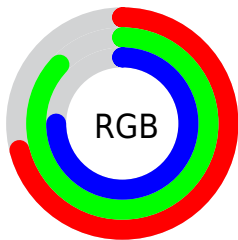
Format	Color
RYB	182, 215, 222
Decimal	11984574
CIELab	84.95, -19.21, 11.39
CIELCh	85, 22.330, 149.340
Yxy	65.9053, 0.3053, 0.3678
Android (android.graphics.Color)	4290174654 (0xFFB6DEBE)
YUV	206.3920, -8.0813, -21.3918
Hunter-Lab	81.1821, -21.7831, 14.0471

Details

The Yxy color **65.9053, 0.3053, 0.3678** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.8287, 0.3211, 0.2931**, and the grayscale version is **62.0455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3510, 0.3074, 0.3379**, and **34.1107, 0.3033, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **62.6875, 0.3013, 0.3930**, and if you desaturate by 10%, it is **69.6514, 0.3094, 0.3452**.

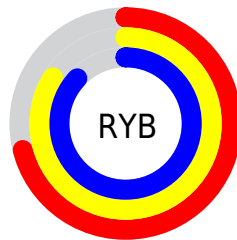
Distribution



Red (71%)

Green (87%)

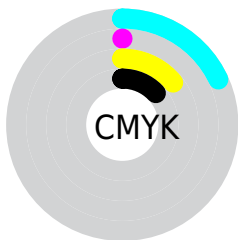
Blue (75%)



Red (71%)

Yellow (84%)

Blue (87%)

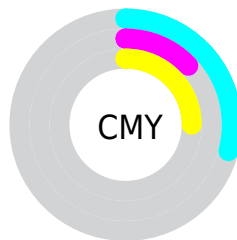


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (13%)



Cyan (29%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9053, 0.3053, 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 65.9053, 0.3053, 0.3678 by changing the saturation by 10% instead.


 65.9053, 0.3053,
0.3678

 65.9053, 0.3053,
0.3678

446.0381, 0.3090,
0.3490

 48.1955, 0.3044,
0.3723

 113.3504, 0.3067,
0.3611

 33.9818, 0.3032,
0.3780


143.8545, 0.3072,
0.3586

 22.8796, 0.3015,
0.3854


179.3922, 0.3076,
0.3564

 14.5046, 0.2993,
0.3955

220.3479, 0.3080,
0.3545

 8.4725, 0.2960,
0.4098

267.1059, 0.3083,
0.3529

 4.3987, 0.2906,
0.4319

320.0507, 0.3086,

 1.8990, 0.2804,

0.3514

0.4703

379.5666, 0.3088,
0.3502

0.5478, 0.0863,
0.9137

0.0000, 0.0000,
0.0000

65.9053, 0.3053,
0.3678

65.9053, 0.3053,
0.3678

62.6875, 0.3013,
0.3930

69.6514, 0.3094,
0.3452

59.9662, 0.2975,
0.4207

73.9396, 0.3135,
0.3253

57.7188, 0.2944,
0.4501

78.7932, 0.3175,
0.3079

55.9177, 0.2920,
0.4804

80.7264, 0.3142,
0.2970

■ 54.5325, 0.2908,
0.5100

■ 53.5288, 0.2908,
0.5373

■ 52.8664, 0.2921,
0.5605

■ 52.4898, 0.2944,
0.5784

■ 52.4338, 0.2948,
0.5813

Harmonies

Analogous

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



65.9053, 0.3331, 0.3783



65.9053, 0.3053, 0.3678



65.9053, 0.2803, 0.3454

Triad

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



65.9053, 0.3053, 0.3678



65.9053, 0.2701, 0.2847



65.9053, 0.3637, 0.3356

Complementary

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



65.9053, 0.3053, 0.3678



53.8287, 0.3211, 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.



65.9053, 0.3453, 0.3127



65.9053, 0.3053, 0.3678



65.9053, 0.2909, 0.2840

Square

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



65.9053, 0.3053, 0.3678



65.9053, 0.2606, 0.2969



65.9053, 0.3183, 0.2942



65.9053, 0.3676, 0.3579

Rectangle

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



65.9053, 0.3053, 0.3678



65.9053, 0.2683, 0.3276



65.9053, 0.3183, 0.2942



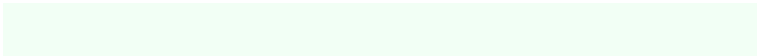
65.9053, 0.3590, 0.3277

Sweetspot

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



65.9081, 0.3053, 0.3678



97.0231, 0.3107, 0.3390



69.9190, 0.3337, 0.3746



20.6807, 0.3104, 0.3404



0.0000, 0.0000, 0.0000



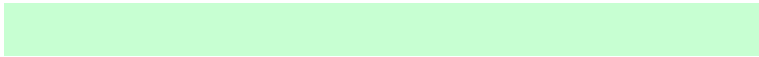
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9081, 0.3053, 0.3678



88.3118, 0.3036, 0.3779



66.8415, 0.2929, 0.3432



15.3822, 0.3088, 0.3483



31.1551, 0.2942, 0.5792



2.1723, 0.2864, 0.5511

Inverse Universe

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



53.8287, 0.3211, 0.2931



68.5740, 0.3234, 0.2846



52.8711, 0.3374, 0.3153



13.8858, 0.3168, 0.3105



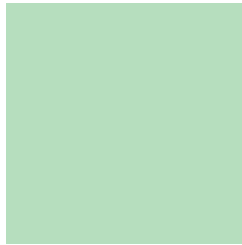
11.1323, 0.3793, 0.1863



0.7838, 0.3686, 0.1804

Previews

White Background



This preview shows how the Yxy color 65.9053, 0.3053, 0.3678 looks on a white background.

Color Contrast Check

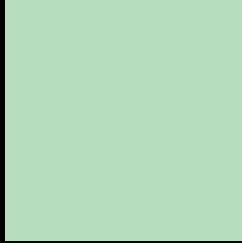
Large Text (above 18pt) WCAG AA × Fail

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 65.9053, 0.3053, 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

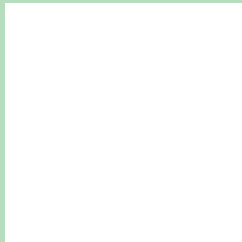
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9053, 0.3053, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 65.9053, 0.3053, 0.3678.

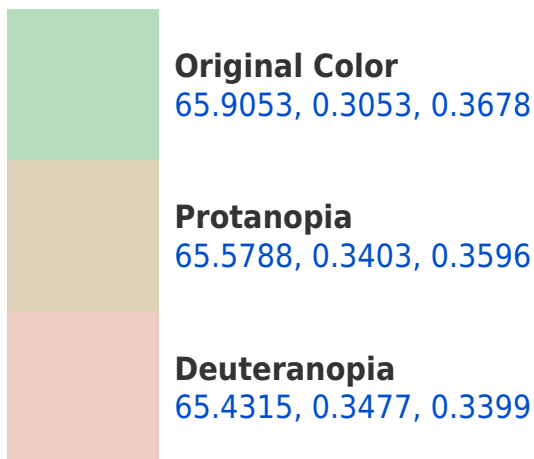


This preview shows how white text looks on a background with the Yxy color 65.9053, 0.3053, 0.3678.

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





Tritanopia

65.8137, 0.2833, 0.3094

Trichromacy



Original Color

65.9053, 0.3053, 0.3678

Protanomaly

65.4114, 0.3267, 0.3628

Deuteranomaly

65.3442, 0.3307, 0.3495

Tritanomaly

65.5917, 0.2911, 0.3301

Monochromacy



Original Color

65.9053, 0.3053, 0.3678

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.1274, 0.3098, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9053, 0.3053, 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(182, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 222, 190)  
}
```

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(182, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 222, 190) }
```

Border

The CSS property to change the border of an element to Yxy 65.9053, 0.3053, 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(182, 222, 190) }
```

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

```
.border{ border-color:rgb(182, 222, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 222, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 222,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9053, 0.3053, 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(182, 222, 190) }
```

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

```
.background{ background-color: rgb(182,  
222, 190) }
```

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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