

Converting Colors

Yxy(66.5614, 0.3053, 0.3758)

Have a look what the booklet for
Yxy(66.5614, 0.3053, 0.3758)
contains.

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Color

Yxy(66.3215, 0.3051, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	B2E0BA
RGB	178, 224, 186
RGB Percent	70%, 88%, 73%
CMY	0.3017, 0.1216, 0.2706
CMYK	0.21, 0.00, 0.17, 0.12
HSL	130°, 43%, 79%
HSV	130°, 21%, 88%
XYZ	53.8873, 66.3215, 56.4130
YIQ	205.9140, -15.2180, -21.5700

Conversions

Conversions Part 2

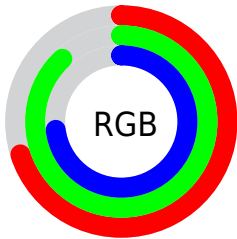
Format	Color
RYB	178, 217, 224
Decimal	11722938
CIELab	85.16, -22.21, 13.78
CIElCh	85, 26.136, 148.179
Yxy	66.3215, 0.3051, 0.3755
Android (android.graphics.Color)	4289913018 (0xFFB2E0BA)
YUV	205.9140, -9.8176, -24.4806
Hunter-Lab	81.4380, -24.4035, 15.9358

Details

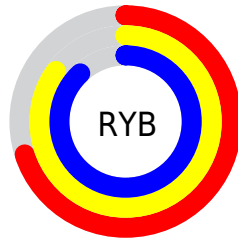
The Yxy color **66.3215, 0.3051, 0.3755** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.6691, 0.3214, 0.2866**, and the grayscale version is **61.7423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4232, 0.3072, 0.3420**, and **34.4294, 0.3029, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **63.1489, 0.3015, 0.4024**, and if you desaturate by 10%, it is **70.0346, 0.3088, 0.3514**.

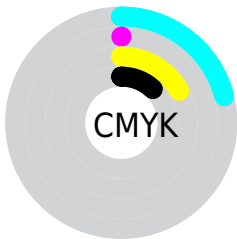
Distribution



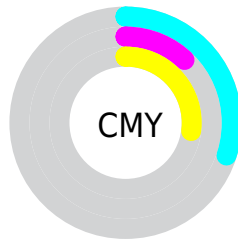
- Red (70%)
- Green (88%)
- Blue (73%)



- Red (70%)
- Yellow (85%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3215, 0.3051, 0.3755 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 66.3215, 0.3051, 0.3755 by changing the saturation by 10% instead.

 66.3215, 0.3051,
0.3755

 66.3215, 0.3051,
0.3755

447.5258, 0.3090,
0.3529

 48.5334, 0.3041,
0.3809


 113.9476, 0.3066,
0.3674

 34.2495, 0.3028,
0.3878

144.5545, 0.3071,
0.3644

 23.0854, 0.3010,
0.3968


180.2031, 0.3075,
0.3618

 14.6565, 0.2985,
0.4090

221.2778, 0.3079,
0.3595

 8.5787, 0.2947,
0.4264

268.1631, 0.3083,
0.3575

 4.4674, 0.2885,
0.4533

321.2432, 0.3086,

 1.9383, 0.2766,

0.3558

380.9027, 0.3088,
0.3543

0.5004

0.5713, 0.0015,
0.9985

0.0000, 0.0000,
0.0000

66.3215, 0.3051,
0.3755

66.3215, 0.3051,
0.3755

63.1489, 0.3015,
0.4024

70.0346, 0.3088,
0.3514

60.4834, 0.2982,
0.4316

74.3029, 0.3125,
0.3300

58.3010, 0.2954,
0.4623

79.1511, 0.3161,
0.3113

56.5724, 0.2934,
0.4934

81.7878, 0.3141,
0.2989

■ 55.2649, 0.2925,
0.5231

■ 54.3416, 0.2927,
0.5496

■ 53.7587, 0.2941,
0.5710

■ 53.4525, 0.2960,
0.5857

Harmonies

Analogous

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



66.3215, 0.3375, 0.3870



66.3215, 0.3051, 0.3755



66.3215, 0.2758, 0.3493

Triad

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



66.3215, 0.3051, 0.3755



66.3215, 0.2625, 0.2778



66.3215, 0.3719, 0.3352

Complementary

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



66.3215, 0.3051, 0.3755



52.6691, 0.3214, 0.2866

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.



66.3215, 0.3497, 0.3090



66.3215, 0.3051, 0.3755



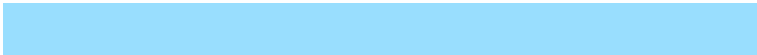
66.3215, 0.2860, 0.2768

Square

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



66.3215, 0.3051, 0.3755



66.3215, 0.2522, 0.2921



66.3215, 0.3178, 0.2881



66.3215, 0.3771, 0.3614

Rectangle

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



66.3215, 0.3051, 0.3755



66.3215, 0.2617, 0.3283



66.3215, 0.3178, 0.2881



66.3215, 0.3661, 0.3262

Sweetspot

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



66.3243, 0.3051, 0.3755



96.4244, 0.3105, 0.3415



71.1747, 0.3378, 0.3809



20.5591, 0.3102, 0.3429



0.0000, 0.0000, 0.0000



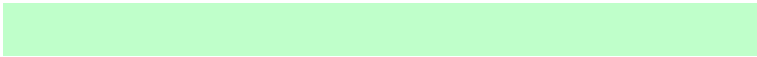
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3243, 0.3051, 0.3755



86.9060, 0.3034, 0.3877



67.3669, 0.2912, 0.3472



15.3757, 0.3092, 0.3490



31.1270, 0.2955, 0.5838



2.1693, 0.2882, 0.5575

Inverse Universe

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



52.6691, 0.3214, 0.2866



65.1610, 0.3237, 0.2766



51.5753, 0.3403, 0.3115



13.8928, 0.3164, 0.3098



11.2849, 0.3699, 0.1812



0.7931, 0.3611, 0.1763

Previews

White Background



This preview shows how the Yxy color 66.3215, 0.3051, 0.3755 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 66.3215, 0.3051, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

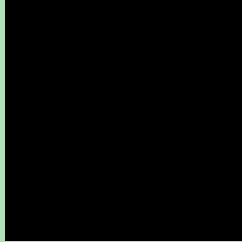
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

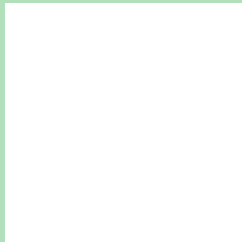
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3215, 0.3051, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 66.3215, 0.3051, 0.3755.

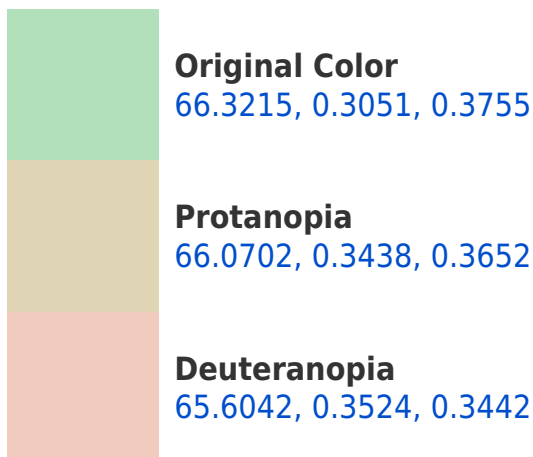


This preview shows how white text looks on a background with the Yxy color 66.3215, 0.3051, 0.3755.

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

66.1887, 0.2809, 0.3083

Trichromacy



Original Color

66.3215, 0.3051, 0.3755

Protanomaly

65.7545, 0.3293, 0.3687

Deuteranomaly

65.1681, 0.3336, 0.3541

Tritanomaly

66.3865, 0.2899, 0.3325

Monochromacy



Original Color

66.3215, 0.3051, 0.3755

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.4478, 0.3097, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3215, 0.3051, 0.3755 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(178, 224, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 186)  
}
```

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(178, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 186) }
```

Border

The CSS property to change the border of an element to Yxy 66.3215, 0.3051, 0.3755 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(178, 224, 186) }
```

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

```
.border{ border-color:rgb(178, 224, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 224, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 224, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 224, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 224,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3215, 0.3051, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 224, 186) }
```

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

```
.background{ background-color: rgb(178,  
224, 186) }
```

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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