

Converting Colors

Yxy(66.1790, 0.3092, 0.3837)

Have a look what the booklet for
Yxy(66.1790, 0.3092, 0.3837)
contains.

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Color

Yxy(66.0716, 0.3088, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	B2E0B4
RGB	178, 224, 180
RGB Percent	70%, 88%, 71%
CMY	0.3019, 0.1216, 0.2940
CMYK	0.21, 0.00, 0.20, 0.12
HSL	123°, 43%, 79%
HSV	123°, 21%, 88%
XYZ	53.2574, 66.0716, 53.1367
YIQ	205.2300, -13.2920, -23.4360

Conversions

Conversions Part 2

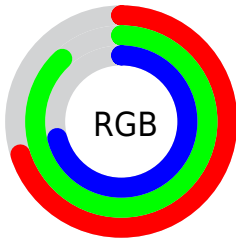
Format	Color
RYB	178, 222, 224
Decimal	11722932
CIELab	85.03, -23.28, 16.73
CIELCh	85, 28.668, 144.290
Yxy	66.0716, 0.3088, 0.3831
Android (android.graphics.Color)	4289913012 (0xFFB2E0B4)
YUV	205.2300, -12.4384, -23.8807
Hunter-Lab	81.2844, -25.2949, 18.1405

Details

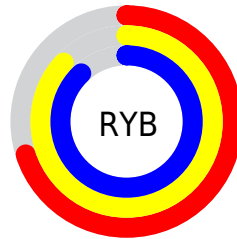
The Yxy color **66.0716, 0.3088, 0.3831** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.9664, 0.3167, 0.2803**, and the grayscale version is **61.2950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0686, 0.3106, 0.3481**, and **34.2682, 0.3077, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **62.8305, 0.3067, 0.4143**, and if you desaturate by 10%, it is **69.8859, 0.3108, 0.3550**.

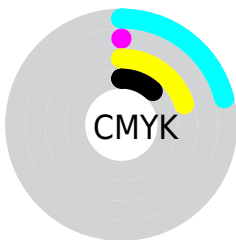
Distribution



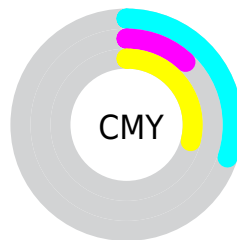
- Red (70%)
- Green (88%)
- Blue (71%)



- Red (70%)
- Yellow (87%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0716, 0.3088, 0.3831 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 66.0716, 0.3088, 0.3831 by changing the saturation by 10% instead.

 66.0716, 0.3088,
0.3831

 66.0716, 0.3088,
0.3831

446.6329, 0.3111,
0.3567

 48.3305, 0.3081,
0.3895


 113.5891, 0.3097,
0.3737

 34.0887, 0.3072,
0.3975


144.1343, 0.3100,
0.3701

 22.9618, 0.3060,
0.4081


179.7163, 0.3103,
0.3670

 14.5653, 0.3041,
0.4224

220.7196, 0.3105,
0.3644

 8.5149, 0.3010,
0.4429

267.5285, 0.3107,
0.3621

 4.4261, 0.2954,
0.4746

320.5274, 0.3109,

 1.9147, 0.2863,

0.3601

380.1008, 0.3110,
0.3583

0.5345

0.5572, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.0716, 0.3088,
0.3831

66.0716, 0.3088,
0.3831

62.8305, 0.3067,
0.4143

69.8859, 0.3108,
0.3550

60.1269, 0.3047,
0.4480

74.2904, 0.3126,
0.3302

57.9345, 0.3028,
0.4829

79.3115, 0.3143,
0.3087

56.2209, 0.3011,
0.5169

81.7919, 0.3141,
0.2989

■ 54.9504, 0.2999,
0.5475

■ 54.0822, 0.2993,
0.5723

■ 53.5677, 0.2992,
0.5892

■ 53.3333, 0.2994,
0.5978

Harmonies

Analogous

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



66.0716, 0.3441, 0.3931



66.0716, 0.3088, 0.3831



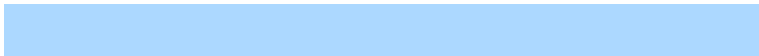
66.0716, 0.2759, 0.3556

Triad

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



66.0716, 0.3088, 0.3831



66.0716, 0.2555, 0.2741



66.0716, 0.3755, 0.3317

Complementary

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



66.0716, 0.3088, 0.3831



52.9664, 0.3167, 0.2803

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.



66.0716, 0.3492, 0.3037



66.0716, 0.3088, 0.3831



66.0716, 0.2794, 0.2713

Square

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



66.0716, 0.3088, 0.3831



66.0716, 0.2463, 0.2914



66.0716, 0.3135, 0.2821



66.0716, 0.3839, 0.3607

Rectangle

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



66.0716, 0.3088, 0.3831



66.0716, 0.2594, 0.3326



66.0716, 0.3135, 0.2821



66.0716, 0.3684, 0.3220

Sweetspot

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



66.0744, 0.3088, 0.3831



96.3060, 0.3116, 0.3435



72.1303, 0.3424, 0.3802



20.5312, 0.3115, 0.3451



0.0000, 0.0000, 0.0000



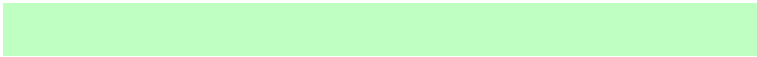
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0744, 0.3088, 0.3831



86.5255, 0.3078, 0.3973



67.0681, 0.2949, 0.3548



15.3469, 0.3110, 0.3521



31.0479, 0.2992, 0.5971



2.1555, 0.2968, 0.5886

Inverse Universe

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



52.9664, 0.3167, 0.2803



65.6726, 0.3177, 0.2691



51.8385, 0.3351, 0.3046



13.9248, 0.3145, 0.3069



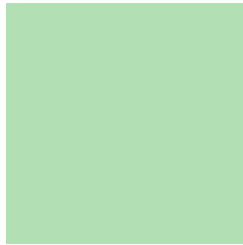
12.0612, 0.3321, 0.1603



0.8393, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 66.0716, 0.3088, 0.3831 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 66.0716, 0.3088, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

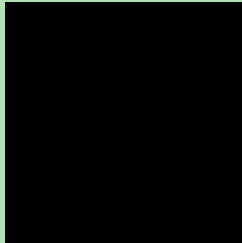
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0716, 0.3088, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 66.0716, 0.3088, 0.3831.

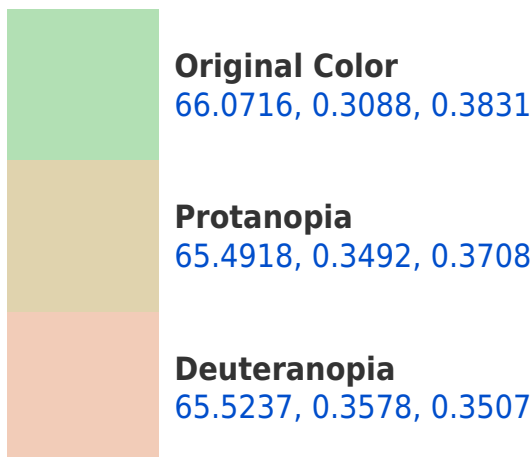


This preview shows how white text looks on a background with the Yxy color 66.0716, 0.3088, 0.3831.

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

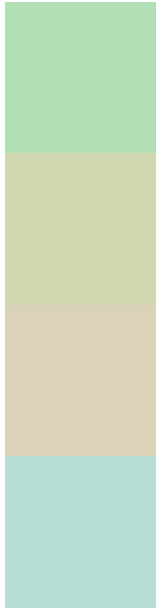




Tritanopia

66.1310, 0.2815, 0.3094

Trichromacy



Original Color

66.0716, 0.3088, 0.3831

Protanomaly

65.5117, 0.3335, 0.3759

Deuteranomaly

65.0675, 0.3387, 0.3610

Tritanomaly

66.2318, 0.2917, 0.3360

Monochromacy



Original Color

66.0716, 0.3088, 0.3831

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.6746, 0.3111, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0716, 0.3088, 0.3831 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 180) }
```

Border

The CSS property to change the border of an element to Yxy 66.0716, 0.3088, 0.3831 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, 180) }
```

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

```
.border{ border-color:rgb(178, 224, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(178, 224,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0716, 0.3088, 0.3831 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, 180) }
```

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

```
.background{ background-color: rgb(178,  
224, 180) }
```

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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