

Converting Colors

Yxy(66.5849, 0.3063, 0.3688)

Have a look what the booklet for
Yxy(66.5849, 0.3063, 0.3688)
contains.

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Color

Yxy(66.5603, 0.3060, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	B7DFBE
RGB	183, 223, 190
RGB Percent	72%, 87%, 75%
CMY	0.2823, 0.1255, 0.2549
CMYK	0.18, 0.00, 0.15, 0.13
HSL	131°, 38%, 80%
HSV	131°, 18%, 87%
XYZ	55.2113, 66.5603, 58.6575
YIQ	207.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

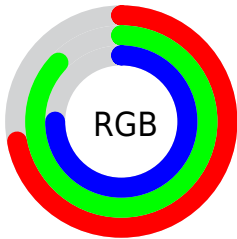
Format	Color
RYB	183, 217, 223
Decimal	12050366
CIELab	85.28, -19.37, 11.89
CIElCh	85, 22.725, 148.462
Yxy	66.5603, 0.3060, 0.3689
Android (android.graphics.Color)	4290240446 (0xFFB7DFBE)
YUV	207.2780, -8.5181, -21.2918
Hunter-Lab	81.5845, -21.9752, 14.4809

Details

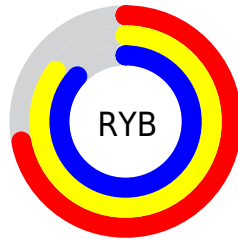
The Yxy color **66.5603, 0.3060, 0.3689** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.5143, 0.3202, 0.2921**, and the grayscale version is **62.6498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5245, 0.3080, 0.3379**, and **34.5572, 0.3041, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **63.2874, 0.3023, 0.3950**, and if you desaturate by 10%, it is **70.3736, 0.3098, 0.3456**.

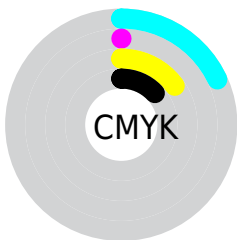
Distribution



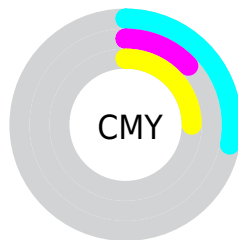
- Red (72%)
- Green (87%)
- Blue (75%)



- Red (72%)
- Yellow (85%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)





- Cyan (28%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5603, 0.3060, 0.3689 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 66.5603, 0.3060, 0.3689 by changing the saturation by 10% instead.


 66.5603, 0.3060,
0.3689

 66.5603, 0.3060,
0.3689


448.3780, 0.3094,
0.3496

 48.7274, 0.3051,
0.3735


 114.2901, 0.3073,
0.3620

 34.4033, 0.3040,
0.3794


144.9558, 0.3077,
0.3594

 23.2036, 0.3025,
0.3870


180.6679, 0.3081,
0.3572

 14.7439, 0.3004,
0.3972

221.8108, 0.3085,
0.3553

 8.6398, 0.2973,
0.4119

268.7689, 0.3087,
0.3536

 4.5070, 0.2922,
0.4344

321.9265, 0.3090,

 1.9610, 0.2825,

0.3521

0.4733

381.6681, 0.3092,
0.3508

0.5847, 0.1242,
0.8758

0.0000, 0.0000,
0.0000

66.5603, 0.3060,
0.3689

66.5603, 0.3060,
0.3689

63.2874, 0.3023,
0.3950

70.3736, 0.3098,
0.3456

60.5223, 0.2989,
0.4236

74.7414, 0.3135,
0.3250

58.2418, 0.2959,
0.4539

79.6878, 0.3170,
0.3070

56.4177, 0.2937,
0.4850

81.2574, 0.3142,
0.2980

■ 55.0186, 0.2925,
0.5152

■ 54.0093, 0.2924,
0.5427

■ 53.3487, 0.2935,
0.5656

■ 52.9804, 0.2956,
0.5826

■ 52.9243, 0.2959,
0.5854

Harmonies

Analogous

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



66.5603, 0.3342, 0.3791



66.5603, 0.3060, 0.3689



66.5603, 0.2804, 0.3464

Triad

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



66.5603, 0.3060, 0.3689



66.5603, 0.2690, 0.2843



66.5603, 0.3641, 0.3349

Complementary

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



66.5603, 0.3060, 0.3689



54.5143, 0.3202, 0.2921

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.



66.5603, 0.3451, 0.3118



66.5603, 0.3060, 0.3689



66.5603, 0.2898, 0.2833

Square

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



66.5603, 0.3060, 0.3689



66.5603, 0.2598, 0.2969



66.5603, 0.3176, 0.2933



66.5603, 0.3685, 0.3577

Rectangle

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



66.5603, 0.3060, 0.3689



66.5603, 0.2681, 0.3283



66.5603, 0.3176, 0.2933



66.5603, 0.3592, 0.3270

Sweetspot

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



66.5631, 0.3060, 0.3689



97.0026, 0.3109, 0.3393



70.8467, 0.3346, 0.3742



20.6757, 0.3106, 0.3408



0.0000, 0.0000, 0.0000



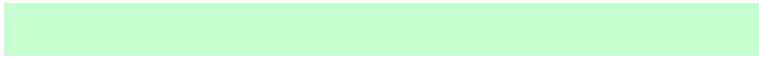
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5631, 0.3060, 0.3689



88.2384, 0.3044, 0.3796



67.4817, 0.2938, 0.3447



15.3763, 0.3092, 0.3489



31.1291, 0.2954, 0.5835



2.1695, 0.2881, 0.5570

Inverse Universe

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



54.5143, 0.3202, 0.2921



68.6639, 0.3223, 0.2832



53.5575, 0.3361, 0.3138



13.8923, 0.3164, 0.3099



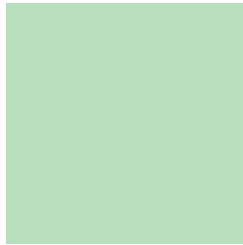
11.2725, 0.3707, 0.1816



0.7923, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 66.5603, 0.3060, 0.3689 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 66.5603, 0.3060, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

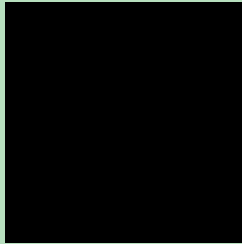
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

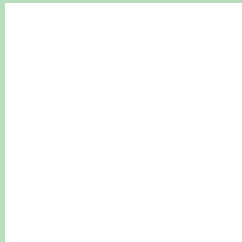
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5603, 0.3060, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 66.5603, 0.3060, 0.3689.

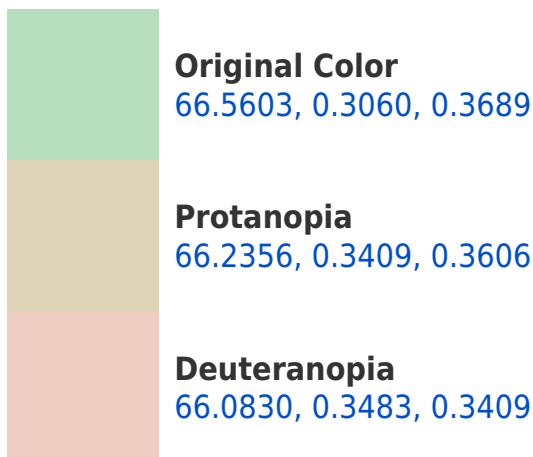


This preview shows how white text looks on a background with the Yxy color 66.5603, 0.3060, 0.3689.

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

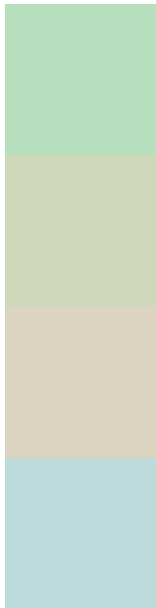




Tritanopia

66.6426, 0.2841, 0.3096

Trichromacy



Original Color

66.5603, 0.3060, 0.3689

Protanomaly

66.0668, 0.3273, 0.3639

Deuteranomaly

65.9973, 0.3313, 0.3505

Tritanomaly

66.4164, 0.2919, 0.3301

Monochromacy



Original Color

66.5603, 0.3060, 0.3689

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 66.5603, 0.3060, 0.3689 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(183, 223, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 223, 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(183, 223, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 223, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.5603, 0.3060, 0.3689 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(183, 223, 190) }
```

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

```
.border{ border-color:rgb(183, 223, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 223, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 223, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 223, 190);  
box-shadow:4px 4px 4px 4px rgb(183, 223,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5603, 0.3060, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 223, 190) }
```

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

```
.background{ background-color: rgb(183,  
223, 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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