

Converting Colors

$Yxy(67.1958, 0.2766, 0.3057)$

Have a look what the booklet for
Yxy(67.1958, 0.2766, 0.3057)
contains.

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Color

Yxy(67.1447, 0.2763, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	B8DBF0
RGB	184, 219, 240
RGB Percent	72%, 86%, 94%
CMY	0.2784, 0.1412, 0.0589
CMYK	0.23, 0.09, 0.00, 0.06
HSL	202°, 65%, 83%
HSV	202°, 23%, 94%
XYZ	60.8265, 67.1447, 92.1754
YIQ	210.9290, -27.6010, -0.8890

Conversions

Conversions Part 2

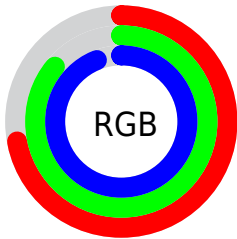
Format	Color
RYB	184, 206, 240
Decimal	12114928
CIELab	85.58, -6.95, -14.06
CIELCh	86, 15.690, 243.693
Yxy	67.1447, 0.2763, 0.3050
Android (android.graphics.Color)	4290305008 (0xFFB8DBF0)
YUV	210.9290, 14.3320, -23.6167
Hunter-Lab	81.9419, -10.8954, -9.3353

Details

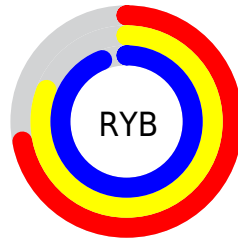
The Yxy color **67.1447, 0.2763, 0.3050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.6412, 0.3559, 0.3518**, and the grayscale version is **65.0119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **34.7574, 0.2677, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **59.8633, 0.2608, 0.2930**, and if you desaturate by 10%, it is **75.1878, 0.2920, 0.3160**.

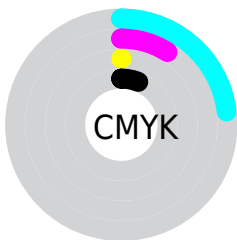
Distribution



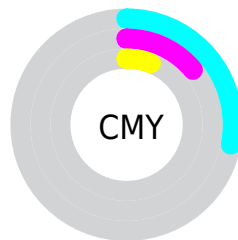
- Red (72%)
- Green (86%)
- Blue (94%)



- Red (72%)
- Yellow (81%)
- Blue (94%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1447, 0.2763, 0.3050 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 67.1447, 0.2763, 0.3050 by changing the saturation by 10% instead.

■ 67.1447, 0.2763,
0.3050

■ 67.1447, 0.2763,
0.3050

450.4597, 0.2932,
0.3164

■ 49.2022, 0.2724,
0.3023

■ 115.1277, 0.2822,
0.3090

■ 34.7799, 0.2677,
0.2990

145.9371, 0.2844,
0.3105

■ 23.4934, 0.2616,
0.2947

181.8042, 0.2864,
0.3119

■ 14.9583, 0.2537,
0.2891

223.1134, 0.2881,
0.3130

■ 8.7901, 0.2430,
0.2813

270.2492, 0.2896,
0.3140

■ 4.6045, 0.2277,
0.2697

323.5959, 0.2909,

■ 2.0171, 0.2040,

0.3149

0.2512

383.5379, 0.2921,
0.3157

0.6174, 0.1454,
0.2152

0.0000, 0.0000,
0.0000

67.1447, 0.2763,
0.3050

67.1447, 0.2763,
0.3050

59.8633, 0.2608,
0.2930

75.1878, 0.2920,
0.3160

53.3062, 0.2457,
0.2801

84.0120, 0.3076,
0.3259

47.4445, 0.2317,
0.2664

93.4540, 0.3222,
0.3348

42.2437, 0.2189,
0.2521

99.0585, 0.3215,
0.3434

■ 37.6652, 0.2080,
0.2375

■ 99.0701, 0.3215,
0.3435

■ 33.6654, 0.1990,
0.2229

■ 30.1917, 0.1922,
0.2085

■ 28.1139, 0.1887,
0.1991

Harmonies

Analogous

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



67.1447, 0.2775, 0.3198



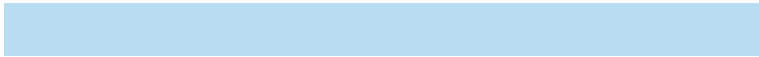
67.1447, 0.2763, 0.3050



67.1447, 0.2844, 0.2972

Triad

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



67.1447, 0.2763, 0.3050



67.1447, 0.3378, 0.3199



67.1447, 0.3245, 0.3626

Complementary

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



67.1447, 0.2763, 0.3050



65.6412, 0.3559, 0.3518

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.



67.1447, 0.3412, 0.3615



67.1447, 0.2763, 0.3050



67.1447, 0.3492, 0.3364

Square

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



67.1447, 0.2763, 0.3050



67.1447, 0.3197, 0.3059



67.1447, 0.3504, 0.3517



67.1447, 0.3049, 0.3539

Rectangle

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



67.1447, 0.2763, 0.3050



67.1447, 0.2943, 0.2966



67.1447, 0.3504, 0.3517



67.1447, 0.3306, 0.3633

Sweetspot

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



67.1474, 0.2763, 0.3050



92.5758, 0.3019, 0.3224



76.8857, 0.2978, 0.3700



19.6826, 0.3009, 0.3218



0.0000, 0.0000, 0.0000



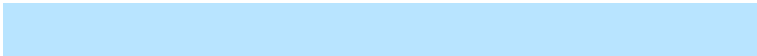
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1474, 0.2763, 0.3050



72.9795, 0.2688, 0.2994



53.9523, 0.2737, 0.2723



16.8754, 0.2980, 0.3199



15.6567, 0.1893, 0.2014



1.4929, 0.1945, 0.2200

Inverse Universe

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



57.9237, 0.3318, 0.2918



60.9898, 0.3367, 0.2839



79.9881, 0.3496, 0.3800



15.9251, 0.3195, 0.3143



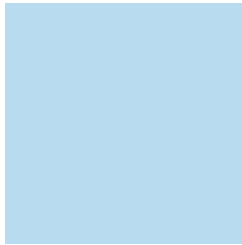
11.3739, 0.4437, 0.2218



0.9654, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 67.1447, 0.2763, 0.3050 looks on a white background.

Color Contrast Check

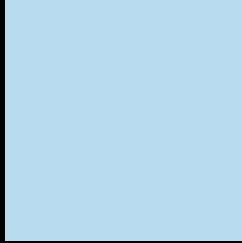
Large Text (above 18pt) WCAG AA × Fail

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 67.1447, 0.2763, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

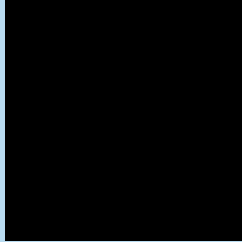
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

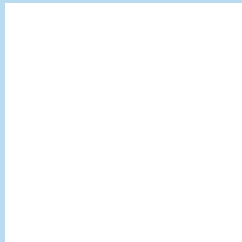
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1447, 0.2763, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 67.1447, 0.2763, 0.3050.



This preview shows how white text looks on a background with the Yxy color 67.1447, 0.2763, 0.3050.

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

67.1447, 0.2763, 0.3050

Protanopia

66.9920, 0.2961, 0.3026

Deuteranopia

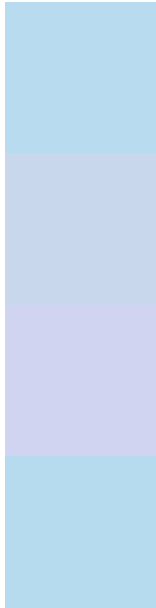
66.8947, 0.2992, 0.2926



Tritanopia

66.8447, 0.2774, 0.3083

Trichromacy



Original Color

67.1447, 0.2763, 0.3050

Protanomaly

67.1328, 0.2887, 0.3044

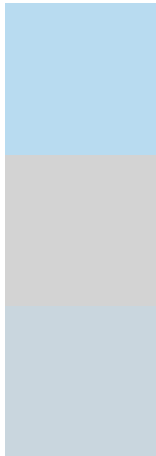
Deuteranomaly

66.8477, 0.2909, 0.2972

Tritanomaly

66.9034, 0.2768, 0.3071

Monochromacy



Original Color

67.1447, 0.2763, 0.3050

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7846, 0.2981, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1447, 0.2763, 0.3050 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(184, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 240)  
}
```

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(184, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 240) }
```

Border

The CSS property to change the border of an element to Yxy 67.1447, 0.2763, 0.3050 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(184, 219, 240) }
```

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

```
.border{ border-color:rgb(184, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1447, 0.2763, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 240) }
```

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

```
.background{ background-color: rgb(184,  
219, 240) }
```

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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