

Converting Colors

$Yxy(67.3295, 0.2734, 0.3028)$

Have a look what the booklet for
Yxy(67.3295, 0.2734, 0.3028)
contains.

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Color

Yxy(67.6025, 0.2735, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	B6DCF3
RGB	182, 220, 243
RGB Percent	71%, 86%, 95%
CMY	0.2862, 0.1372, 0.0472
CMYK	0.25, 0.09, 0.00, 0.05
HSL	203°, 72%, 83%
HSV	203°, 25%, 95%
XYZ	61.0610, 67.6025, 94.5944
YIQ	211.2600, -30.0310, -0.9030

Conversions

Conversions Part 2

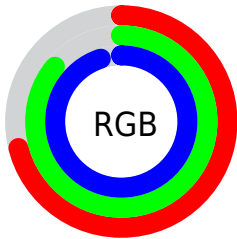
Format	Color
R _{YB}	182, 205, 243
Decimal	11984115
CIE Lab	85.81, -7.39, -15.31
CIE LCh	86, 17.000, 244.222
Yxy	67.6025, 0.2735, 0.3028
Android (android.graphics.Color)	4290174195 (0xFFB6DCF3)
YUV	211.2600, 15.6478, -25.6610
Hunter-Lab	82.2207, -11.3237, -10.6582

Details

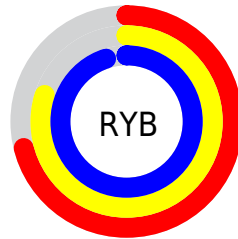
The Yxy color **67.6025, 0.2735, 0.3028** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66.0804, 0.3599, 0.3538**, and the grayscale version is **65.2345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **35.0873, 0.2643, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **60.2245, 0.2580, 0.2906**, and if you desaturate by 10%, it is **75.7623, 0.2892, 0.3140**.

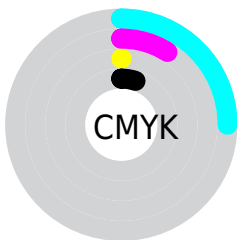
Distribution



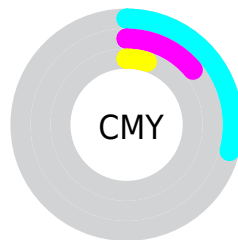
- Red (71%)
- Green (86%)
- Blue (95%)



- Red (71%)
- Yellow (80%)
- Blue (95%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6025, 0.2735, 0.3028 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 67.6025, 0.2735, 0.3028 by changing the saturation by 10% instead.

■ 67.6025, 0.2735,
0.3028

■ 67.6025, 0.2735,
0.3028

452.0864, 0.2916,
0.3152

■ 49.5744, 0.2694,
0.2999

■ 115.7833, 0.2798,
0.3072

■ 35.0754, 0.2643,
0.2963

146.7048, 0.2822,
0.3088

■ 23.7209, 0.2578,
0.2917

182.6929, 0.2843,
0.3103

■ 15.1267, 0.2494,
0.2855

224.1321, 0.2862,
0.3115

■ 8.9084, 0.2380,
0.2771

271.4066, 0.2878,
0.3126

■ 4.6815, 0.2218,
0.2647

324.9009, 0.2892,

■ 2.0616, 0.1971,

0.3136

0.2449

384.9993, 0.2905,
0.3145

0.6429, 0.1394,
0.2081

0.0000, 0.0000,
0.0000

67.6025, 0.2735,
0.3028

67.6025, 0.2735,
0.3028

60.2245, 0.2580,
0.2906

75.7623, 0.2892,
0.3140

53.5895, 0.2431,
0.2774

84.7243, 0.3049,
0.3242

47.6669, 0.2292,
0.2635

94.5182, 0.3202,
0.3334

42.4206, 0.2167,
0.2490

99.2489, 0.3197,
0.3406

■ 37.8100, 0.2060,
0.2343

■ 33.7885, 0.1975,
0.2196

■ 30.2998, 0.1910,
0.2052

■ 28.7401, 0.1884,
0.1983

Harmonies

Analogous

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



67.6025, 0.2746, 0.3186



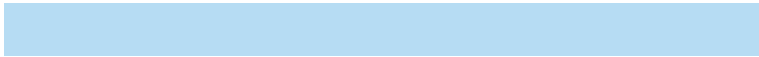
67.6025, 0.2735, 0.3028



67.6025, 0.2824, 0.2946

Triad

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



67.6025, 0.2735, 0.3028



67.6025, 0.3402, 0.3194



67.6025, 0.3250, 0.3653

Complementary

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



67.6025, 0.2735, 0.3028



66.0804, 0.3599, 0.3538

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.



67.6025, 0.3433, 0.3643



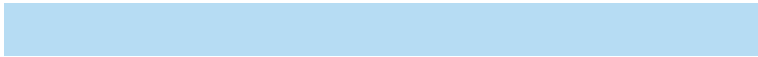
67.6025, 0.2735, 0.3028



67.6025, 0.3523, 0.3372

Square

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



67.6025, 0.2735, 0.3028



67.6025, 0.3206, 0.3043



67.6025, 0.3534, 0.3537



67.6025, 0.3039, 0.3557

Rectangle

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



67.6025, 0.2735, 0.3028



67.6025, 0.2931, 0.2941



67.6025, 0.3534, 0.3537



67.6025, 0.3317, 0.3662

Sweetspot

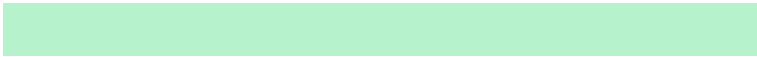
The Sweet Spot groups the original color and five complimentary colors.



67.6052, 0.2735, 0.3028



91.5281, 0.3003, 0.3213



78.4045, 0.2967, 0.3735



19.2640, 0.2979, 0.3198



0.0000, 0.0000, 0.0000



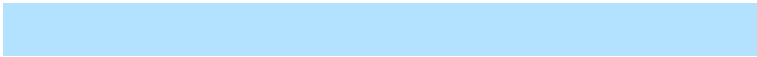
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6052, 0.2735, 0.3028



71.2343, 0.2657, 0.2968



53.3076, 0.2703, 0.2673



17.6475, 0.2980, 0.3199



16.0466, 0.1891, 0.2006



1.6077, 0.1940, 0.2184

Inverse Universe

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



57.6807, 0.3336, 0.2890



58.8009, 0.3390, 0.2807



81.7505, 0.3525, 0.3840



16.6562, 0.3196, 0.3144



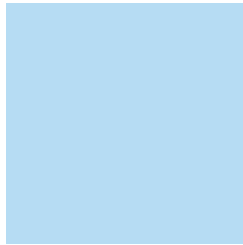
11.7193, 0.4447, 0.2223



1.0499, 0.4250, 0.2115

Previews

White Background



This preview shows how the Yxy color 67.6025, 0.2735, 0.3028 looks on a white background.

Color Contrast Check

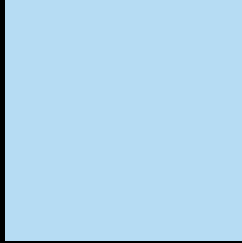
Large Text (above 18pt) WCAG AA × Fail

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 67.6025, 0.2735, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

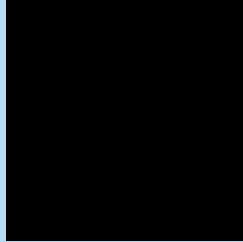
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

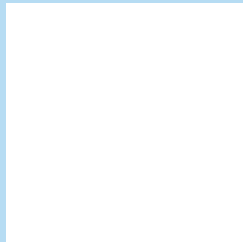
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6025, 0.2735, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 67.6025, 0.2735, 0.3028.

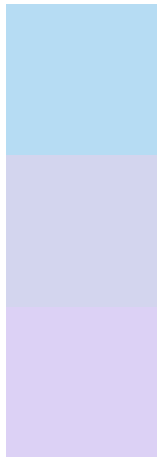


This preview shows how white text looks on a background with the Yxy color 67.6025, 0.2735, 0.3028.

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

67.6025, 0.2735, 0.3028

Protanopia

67.6104, 0.2948, 0.3016

Deuteranopia

67.4091, 0.2966, 0.2906



Tritanopia

67.7097, 0.2758, 0.3094

Trichromacy



Original Color

67.6025, 0.2735, 0.3028

Protanomaly

67.6824, 0.2863, 0.3023

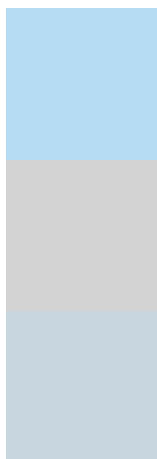
Deuteranomaly

67.2420, 0.2877, 0.2950

Tritanomaly

67.8279, 0.2746, 0.3072

Monochromacy



Original Color

67.6025, 0.2735, 0.3028

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.7002, 0.2968, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6025, 0.2735, 0.3028 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, 220, 243)` looks like.

```
.text, #text, p{  
    color:rgb(182, 220, 243)  
}
```

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, 220, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 220, 243) }
```

Border

The CSS property to change the border of an element to Yxy 67.6025, 0.2735, 0.3028 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, 220, 243) }
```

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

```
.border{ border-color:rgb(182, 220, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 220, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 220, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 220, 243);  
box-shadow:4px 4px 4px 4px rgb(182, 220,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6025, 0.2735, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 220, 243) }
```

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

```
.background{ background-color: rgb(182,  
220, 243) }
```

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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