

Converting Colors

Yxy(68.2818, 0.2783, 0.3050)

Have a look what the booklet for
Yxy(68.2818, 0.2783, 0.3050)
contains.

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Color

Yxy(68.2286, 0.2783, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	BCDCF1
RGB	188, 220, 241
RGB Percent	74%, 86%, 95%
CMY	0.2626, 0.1373, 0.0549
CMYK	0.22, 0.09, 0.00, 0.05
HSL	204°, 65%, 84%
HSV	204°, 22%, 95%
XYZ	62.2150, 68.2286, 93.1101
YIQ	212.8260, -25.8130, -0.2530

Conversions

Conversions Part 2

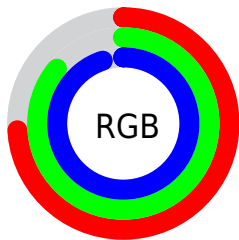
Format	Color
R _{YB}	188, 208, 241
Decimal	12377329
CIE Lab	86.12, -6.04, -13.76
CIE LCh	86, 15.033, 246.299
Yxy	68.2286, 0.2783, 0.3052
Android (android.graphics.Color)	4290567409 (0xFFBCDCF1)
YUV	212.8260, 13.8898, -21.7724
Hunter-Lab	82.6006, -10.1044, -9.0132

Details

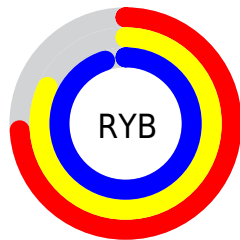
The Yxy color $68.2286, 0.2783, 0.3052$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $67.9530, 0.3528, 0.3517$, and the grayscale version is $66.3408, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1525, 0.3066, 0.3290$, and $35.4814, 0.2702, 0.2992$ is the 20% darker color. If you saturate the color by 10%, you get $60.5471, 0.2626, 0.2926$, and if you desaturate by 10%, it is $76.7136, 0.2941, 0.3167$.

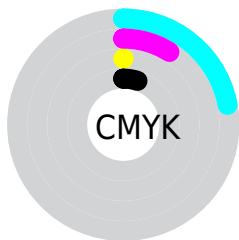
Distribution



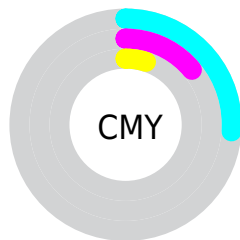
- Red (74%)
- Green (86%)
- Blue (95%)



- Red (74%)
- Yellow (82%)
- Blue (95%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (26%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2286, 0.2783, 0.3052 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 68.2286, 0.2783, 0.3052 by changing the saturation by 10% instead.

■ 68.2286, 0.2783,
0.3052

■ 68.2286, 0.2783,
0.3052

454.3055, 0.2942,
0.3164

■ 50.0837, 0.2747,
0.3026

■ 116.6791, 0.2838,
0.3091

■ 35.4799, 0.2702,
0.2993

147.7535, 0.2860,
0.3107

■ 24.0328, 0.2645,
0.2952

183.9066, 0.2878,
0.3120

■ 15.3580, 0.2571,
0.2896

225.5228, 0.2894,
0.3131

■ 9.0710, 0.2470,
0.2820

272.9863, 0.2909,
0.3141

■ 4.7875, 0.2326,
0.2709

326.6817, 0.2921,

■ 2.1231, 0.2104,

0.3150

0.2531

386.9933, 0.2932,
0.3157

0.6776, 0.1614,
0.2202

0.0000, 0.0000,
0.0000

68.2286, 0.2783,
0.3052

68.2286, 0.2783,
0.3052

60.5471, 0.2626,
0.2926

76.7136, 0.2941,
0.3167

53.6306, 0.2472,
0.2790

86.0219, 0.3097,
0.3271

47.4496, 0.2327,
0.2645

95.1574, 0.3213,
0.3364

41.9687, 0.2195,
0.2494

99.1310, 0.3209,
0.3425

■ 37.1489, 0.2079,
0.2339

■ 32.9459, 0.1984,
0.2184

■ 29.3073, 0.1910,
0.2031

■ 26.7340, 0.1865,
0.1912

Harmonies

Analogous

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



68.2286, 0.2787, 0.3188



68.2286, 0.2783, 0.3052



68.2286, 0.2868, 0.2984

Triad

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



68.2286, 0.2783, 0.3052



68.2286, 0.3379, 0.3216



68.2286, 0.3224, 0.3606

Complementary

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



68.2286, 0.2783, 0.3052



67.9530, 0.3528, 0.3517

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.



68.2286, 0.3388, 0.3604



68.2286, 0.2783, 0.3052



68.2286, 0.3480, 0.3375

Square

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



68.2286, 0.2783, 0.3052



68.2286, 0.3210, 0.3080



68.2286, 0.3483, 0.3517



68.2286, 0.3038, 0.3515

Rectangle

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



68.2286, 0.2783, 0.3052



68.2286, 0.2966, 0.2983



68.2286, 0.3483, 0.3517



68.2286, 0.3283, 0.3616

Sweetspot

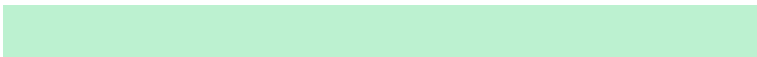
The Sweet Spot groups the original color and five complimentary colors.



68.2314, 0.2783, 0.3052



92.3369, 0.3019, 0.3220



78.1782, 0.2981, 0.3663



19.6272, 0.3009, 0.3214



0.0000, 0.0000, 0.0000



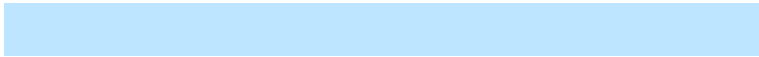
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2314, 0.2783, 0.3052



73.8779, 0.2718, 0.3002



55.7248, 0.2761, 0.2749



16.8158, 0.2980, 0.3194



14.7676, 0.1871, 0.1936



1.4222, 0.1926, 0.2133

Inverse Universe

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



59.8488, 0.3314, 0.2952



63.1671, 0.3357, 0.2886



81.6485, 0.3472, 0.3779



15.9191, 0.3199, 0.3148



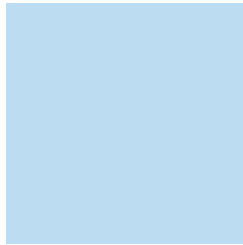
11.2841, 0.4525, 0.2267



0.9583, 0.4305, 0.2145

Previews

White Background



This preview shows how the Yxy color 68.2286, 0.2783, 0.3052 looks on a white background.

Color Contrast Check

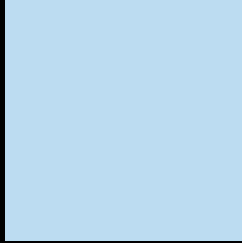
Large Text (above 18pt) WCAG AA × Fail

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 68.2286, 0.2783, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

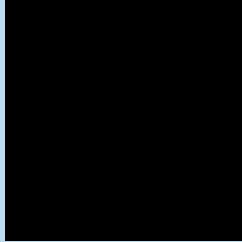
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

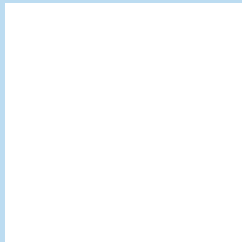
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2286, 0.2783, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 68.2286, 0.2783, 0.3052.

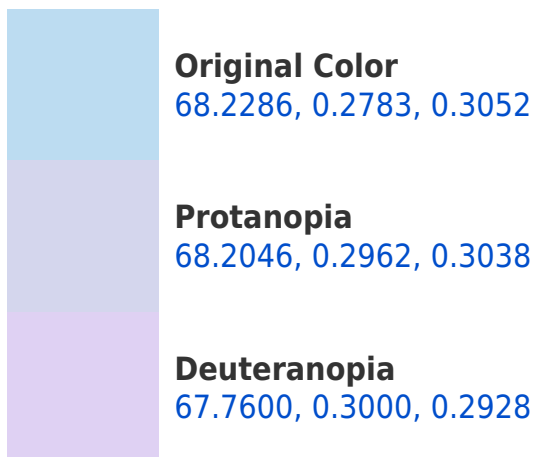


This preview shows how white text looks on a background with the Yxy color 68.2286, 0.2783, 0.3052.

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

67.9242, 0.2794, 0.3085

Trichromacy



Original Color

68.2286, 0.2783, 0.3052

Protanomaly

67.9813, 0.2895, 0.3046

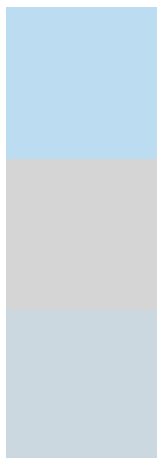
Deuteranomaly

67.7009, 0.2916, 0.2974

Tritanomaly

67.9832, 0.2788, 0.3074

Monochromacy



Original Color

68.2286, 0.2783, 0.3052

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.2768, 0.2996, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2286, 0.2783, 0.3052 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(188, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 241)  
}
```

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(188, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 241) }
```

Border

The CSS property to change the border of an element to Yxy 68.2286, 0.2783, 0.3052 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(188, 220, 241) }
```

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

```
.border{ border-color:rgb(188, 220, 241) }
```

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

Here you see how a box with a 4 pixel rgb(188, 220, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2286, 0.2783, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 241) }
```

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

```
.background{ background-color: rgb(188,  
220, 241) }
```

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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