

Converting Colors

Yxy(62.8246, 0.2758, 0.3023)

Have a look what the booklet for
Yxy(62.8246, 0.2758, 0.3023)
contains.

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Color

Yxy(62.7884, 0.2760, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	B4D4EB
RGB	180, 212, 235
RGB Percent	71%, 83%, 92%
CMY	0.2940, 0.1686, 0.0785
CMYK	0.23, 0.10, 0.00, 0.08
HSL	205°, 58%, 81%
HSV	205°, 23%, 92%
XYZ	57.3638, 62.7884, 87.6876
YIQ	205.0540, -26.4550, 0.3690

Conversions

Conversions Part 2

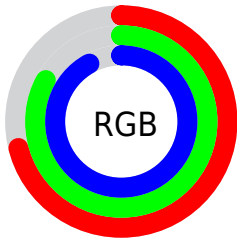
Format	Color
R _Y B	180, 200, 235
Decimal	11850987
CIE Lab	83.33, -5.61, -14.82
CIE LCh	83, 15.841, 249.265
Yxy	62.7884, 0.2760, 0.3021
Android (android.graphics.Color)	4290041067 (0xFFB4D4EB)
YUV	205.0540, 14.7634, -21.9724
Hunter-Lab	79.2391, -9.4465, -10.1441

Details

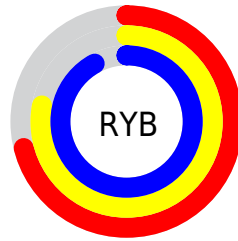
The Yxy color **62.7884, 0.2760, 0.3021** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.6767, 0.3555, 0.3544**, and the grayscale version is **61.0069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **31.8042, 0.2670, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **55.4394, 0.2602, 0.2886**, and if you desaturate by 10%, it is **70.9198, 0.2919, 0.3144**.

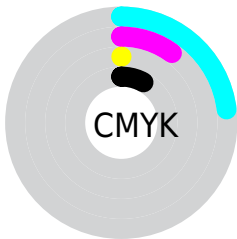
Distribution



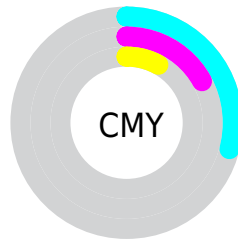
- Red (71%)
- Green (83%)
- Blue (92%)



- Red (71%)
- Yellow (78%)
- Blue (92%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7884, 0.2760, 0.3021 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 62.7884, 0.2760, 0.3021 by changing the saturation by 10% instead.

■ 62.7884, 0.2760,
0.3021

■ 62.7884, 0.2760,
0.3021

434.8011, 0.2932,
0.3150

■ 45.6700, 0.2720,
0.2991

■ 108.8642, 0.2820,
0.3066

■ 31.9855, 0.2671,
0.2953

138.5904, 0.2844,
0.3084

■ 21.3504, 0.2607,
0.2904

173.2880, 0.2864,
0.3099

■ 13.3804, 0.2524,
0.2838

213.3415, 0.2881,
0.3112

■ 7.6910, 0.2410,
0.2747

259.1351, 0.2896,
0.3123

■ 3.8979, 0.2244,
0.2612

311.0533, 0.2910,

■ 1.6166, 0.1983,

0.3133

0.2391

369.4805, 0.2922,
0.3142

0.3688, 0.1016,
0.1755

0.0000, 0.0000,
0.0000

62.7884, 0.2760,
0.3021

62.7884, 0.2760,
0.3021

55.4394, 0.2602,
0.2886

70.9198, 0.2919,
0.3144

48.8358, 0.2447,
0.2741

79.8536, 0.3075,
0.3255

42.9485, 0.2301,
0.2587

89.6182, 0.3227,
0.3354

37.7431, 0.2167,
0.2426

96.4508, 0.3247,
0.3448

■ 33.1815, 0.2051,
0.2262

■ 98.7778, 0.3244,
0.3483

■ 29.2201, 0.1955,
0.2098

■ 25.8074, 0.1882,
0.1939

■ 23.8041, 0.1844,
0.1836

Harmonies

Analogous

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



62.7884, 0.2754, 0.3162



62.7884, 0.2760, 0.3021



62.7884, 0.2860, 0.2956

Triad

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



62.7884, 0.2760, 0.3021



62.7884, 0.3415, 0.3226



62.7884, 0.3211, 0.3628

Complementary

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



62.7884, 0.2760, 0.3021



63.6767, 0.3555, 0.3544

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.



62.7884, 0.3394, 0.3636



62.7884, 0.2760, 0.3021



62.7884, 0.3515, 0.3398

Square

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



62.7884, 0.2760, 0.3021



62.7884, 0.3237, 0.3075



62.7884, 0.3507, 0.3548



62.7884, 0.3011, 0.3521

Rectangle

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



62.7884, 0.2760, 0.3021



62.7884, 0.2970, 0.2961



62.7884, 0.3507, 0.3548



62.7884, 0.3277, 0.3642

Sweetspot

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



62.7909, 0.2760, 0.3021



92.0988, 0.3019, 0.3216



73.4275, 0.2962, 0.3667



19.5720, 0.3009, 0.3209



0.0000, 0.0000, 0.0000



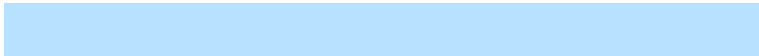
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7909, 0.2760, 0.3021



71.2843, 0.2685, 0.2959



50.2359, 0.2733, 0.2688



16.0047, 0.2981, 0.3189



13.5068, 0.1850, 0.1861



1.2500, 0.1911, 0.2078

Inverse Universe

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



55.0661, 0.3338, 0.2942



60.8186, 0.3392, 0.2869



77.7811, 0.3490, 0.3829



15.2010, 0.3202, 0.3154



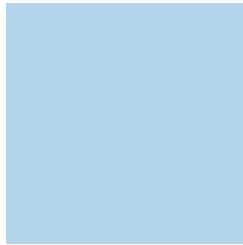
10.8563, 0.4613, 0.2315



0.8716, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 62.7884, 0.2760, 0.3021 looks on a white background.

Color Contrast Check

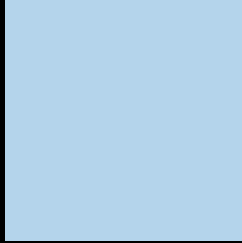
Large Text (above 18pt) WCAG AA × Fail

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 62.7884, 0.2760, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

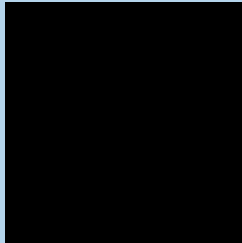
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

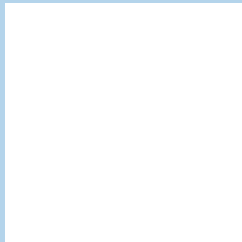
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7884, 0.2760, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 62.7884, 0.2760, 0.3021.



This preview shows how white text looks on a background with the Yxy color 62.7884, 0.2760, 0.3021.

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

62.7884, 0.2760, 0.3021

Protanopia

62.7495, 0.2943, 0.3008

Deuteranopia

62.5016, 0.2967, 0.2905



Tritanopia

62.8854, 0.2784, 0.3089

Trichromacy



Original Color

62.7884, 0.2760, 0.3021

Protanomaly

62.5400, 0.2874, 0.3015

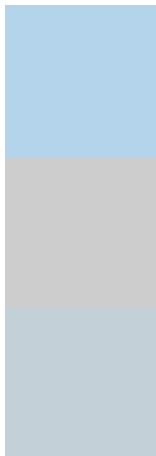
Deuteranomaly

62.6162, 0.2890, 0.2952

Tritanomaly

62.9984, 0.2772, 0.3066

Monochromacy



Original Color

62.7884, 0.2760, 0.3021

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8054, 0.2985, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7884, 0.2760, 0.3021 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(180, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(180, 212, 235)  
}
```

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(180, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 212, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.7884, 0.2760, 0.3021 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(180, 212, 235) }
```

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

```
.border{ border-color:rgb(180, 212, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 212, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(180, 212,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7884, 0.2760, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 212, 235) }
```

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

```
.background{ background-color: rgb(180,  
212, 235) }
```

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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