

Converting Colors

$Yxy(63.0843, 0.2828, 0.3045)$

Have a look what the booklet for
Yxy(63.0843, 0.2828, 0.3045)
contains.

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Color

Yxy(63.1061, 0.2829, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	BCD3E8
RGB	188, 211, 232
RGB Percent	74%, 83%, 91%
CMY	0.2628, 0.1725, 0.0903
CMYK	0.19, 0.09, 0.00, 0.09
HSL	209°, 49%, 82%
HSV	209°, 19%, 91%
XYZ	58.5911, 63.1061, 85.4117
YIQ	206.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

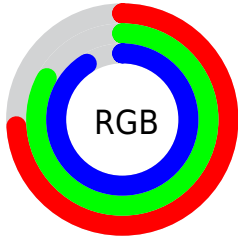
Format	Color
R _Y B	188, 203, 232
Decimal	12375016
CIE Lab	83.50, -3.34, -12.90
CIE LCh	83, 13.328, 255.499
Yxy	63.1061, 0.2829, 0.3047
Android (android.graphics.Color)	4290565096 (0xFFBCD3E8)
YUV	206.5170, 12.5631, -16.2394
Hunter-Lab	79.4393, -7.3648, -8.1400

Details

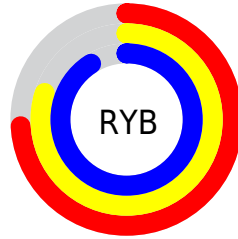
The Yxy color $63.1061, 0.2829, 0.3047$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.3498, 0.3457, 0.3521$, and the grayscale version is $61.9963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1525, 0.3066, 0.3290$, and $32.3169, 0.2758, 0.2998$ is the 20% darker color. If you saturate the color by 10%, you get $55.0921, 0.2667, 0.2899$, and if you desaturate by 10%, it is $71.9762, 0.2989, 0.3181$.

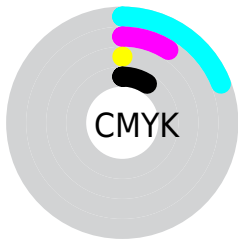
Distribution



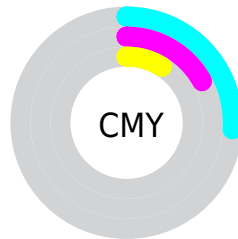
- Red (74%)
- Green (83%)
- Blue (91%)



- Red (74%)
- Yellow (80%)
- Blue (91%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (26%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1061, 0.2829, 0.3047 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 63.1061, 0.2829, 0.3047 by changing the saturation by 10% instead.

■ 63.1061, 0.2829,
0.3047

■ 63.1061, 0.2829,
0.3047

435.9544, 0.2969,
0.3163

■ 45.9270, 0.2796,
0.3020

■ 109.3226, 0.2878,
0.3088

■ 32.1883, 0.2756,
0.2986

139.1288, 0.2897,
0.3103

■ 21.5053, 0.2704,
0.2942

173.9128, 0.2913,
0.3117

■ 13.4939, 0.2636,
0.2884

214.0591, 0.2928,
0.3128

■ 7.7695, 0.2541,
0.2803

259.9520, 0.2940,
0.3139

■ 3.9478, 0.2402,
0.2682

311.9759, 0.2951,

■ 1.6444, 0.2181,

0.3148

0.2486

370.5153, 0.2961,
0.3156

0.3873, 0.1402,
0.1895

0.0000, 0.0000,
0.0000

63.1061, 0.2829,
0.3047

63.1061, 0.2829,
0.3047

55.0921, 0.2667,
0.2899

71.9762, 0.2989,
0.3181

47.8964, 0.2505,
0.2737

81.7230, 0.3143,
0.3302

41.4894, 0.2347,
0.2564

91.8851, 0.3273,
0.3410

35.8362, 0.2200,
0.2382

98.6044, 0.3262,
0.3513

■ 30.8989, 0.2066,
0.2196

■ 26.6350, 0.1953,
0.2008

■ 22.9953, 0.1862,
0.1825

■ 19.9093, 0.1794,
0.1651

■ 19.6121, 0.1787,
0.1634

Harmonies

Analogous

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



63.1061, 0.2807, 0.3155



63.1061, 0.2829, 0.3047



63.1061, 0.2929, 0.3006

Triad

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



63.1061, 0.2829, 0.3047



63.1061, 0.3393, 0.3267



63.1061, 0.3163, 0.3560

Complementary

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



63.1061, 0.2829, 0.3047



66.3498, 0.3457, 0.3521

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.



63.1061, 0.3324, 0.3585



63.1061, 0.2829, 0.3047



63.1061, 0.3459, 0.3411

Square

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



63.1061, 0.2829, 0.3047



63.1061, 0.3254, 0.3132



63.1061, 0.3433, 0.3529



63.1061, 0.2997, 0.3456

Rectangle

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



63.1061, 0.2829, 0.3047



63.1061, 0.3028, 0.3020



63.1061, 0.3433, 0.3529



63.1061, 0.3220, 0.3578

Sweetspot

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



63.1087, 0.2829, 0.3047



92.6503, 0.3034, 0.3218



72.9634, 0.2979, 0.3562



19.6649, 0.3024, 0.3210



0.0000, 0.0000, 0.0000



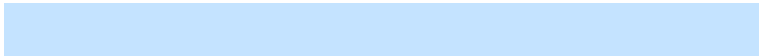
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1087, 0.2829, 0.3047



73.9740, 0.2762, 0.2987



53.1013, 0.2814, 0.2788



15.1298, 0.2981, 0.3175



11.1453, 0.1795, 0.1661



1.0094, 0.1866, 0.1916

Inverse Universe

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



57.8127, 0.3311, 0.3038



66.4473, 0.3361, 0.2980



77.6538, 0.3415, 0.3747



14.4935, 0.3211, 0.3168



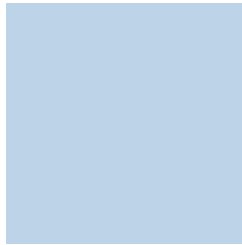
10.3228, 0.4854, 0.2448



0.7816, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 63.1061, 0.2829, 0.3047 looks on a white background.

Color Contrast Check

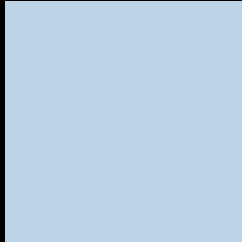
Large Text (above 18pt) WCAG AA × Fail

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 63.1061, 0.2829, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

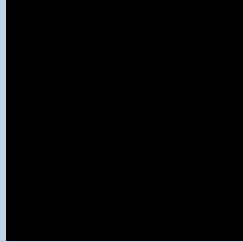
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

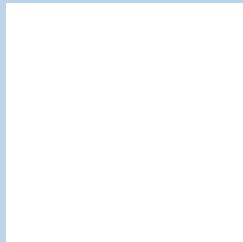
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1061, 0.2829, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 63.1061, 0.2829, 0.3047.



This preview shows how white text looks on a background with the Yxy color 63.1061, 0.2829, 0.3047.

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

63.1061, 0.2829, 0.3047

Protanopia

62.7789, 0.2963, 0.3030

Deuteranopia

62.7805, 0.3009, 0.2939



Tritanopia

63.2532, 0.2847, 0.3103

Trichromacy



Original Color

63.1061, 0.2829, 0.3047

Protanomaly

62.9670, 0.2915, 0.3039

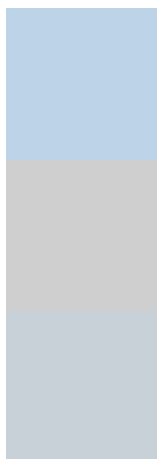
Deuteranomaly

62.6676, 0.2944, 0.2976

Tritanomaly

63.3089, 0.2841, 0.3092

Monochromacy



Original Color

63.1061, 0.2829, 0.3047

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3490, 0.3014, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1061, 0.2829, 0.3047 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, 211, 232)` looks like.

```
.text, #text, p{  
    color:rgb(188, 211, 232)  
}
```

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, 211, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 211, 232) }
```

Border

The CSS property to change the border of an element to Yxy 63.1061, 0.2829, 0.3047 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, 211, 232) }
```

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

```
.border{ border-color:rgb(188, 211, 232) }
```

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

Here you see how a box with a 4 pixel rgb(188, 211, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 211, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 211, 232);  
box-shadow:4px 4px 4px 4px rgb(188, 211,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1061, 0.2829, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 211, 232) }
```

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

```
.background{ background-color: rgb(188,  
211, 232) }
```

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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