

Converting Colors

Yxy(66.2510, 0.2864, 0.3168)

Have a look what the booklet for
Yxy(66.2510, 0.2864, 0.3168)
contains.

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Color

Yxy(66.0460, 0.2864, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	BDD9E4
RGB	189, 217, 228
RGB Percent	74%, 85%, 89%
CMY	0.2585, 0.1491, 0.1058
CMYK	0.17, 0.05, 0.00, 0.11
HSL	197°, 42%, 82%
HSV	197°, 17%, 89%
XYZ	59.8216, 66.0460, 83.0066
YIQ	209.8820, -20.2190, -2.5150

Conversions

Conversions Part 2

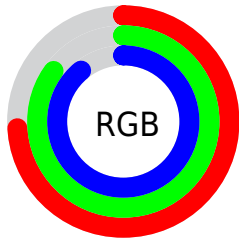
Format	Color
RYB	189, 205, 228
Decimal	12442084
CIELab	85.02, -6.94, -8.53
CIELCh	85, 10.997, 230.881
Yxy	66.0460, 0.2864, 0.3162
Android (android.graphics.Color)	4290632164 (0xFFBDD9E4)
YUV	209.8820, 8.9322, -18.3135
Hunter-Lab	81.2687, -10.8271, -3.6698

Details

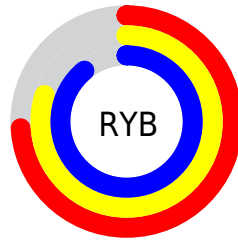
The Yxy color **66.0460, 0.2864, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5453, 0.3433, 0.3415**, and the grayscale version is **64.3296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **34.0087, 0.2795, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **60.0883, 0.2712, 0.3077**, and if you desaturate by 10%, it is **72.5983, 0.3018, 0.3240**.

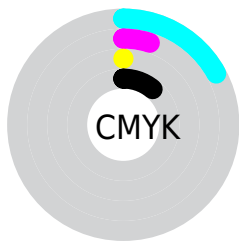
Distribution



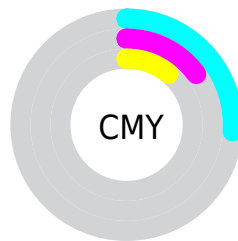
- Red (74%)
- Green (85%)
- Blue (89%)



- Red (74%)
- Yellow (80%)
- Blue (89%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0460, 0.2864, 0.3162 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 66.0460, 0.2864, 0.3162 by changing the saturation by 10% instead.

■ 66.0460, 0.2864,
0.3162

■ 66.0460, 0.2864,
0.3162

446.5414, 0.2987,
0.3223

■ 48.3097, 0.2836,
0.3147

■ 113.5524, 0.2907,
0.3184

■ 34.0722, 0.2800,
0.3129

144.0912, 0.2923,
0.3192

■ 22.9491, 0.2756,
0.3106

179.6665, 0.2938,
0.3199

■ 14.5559, 0.2697,
0.3074

220.6624, 0.2950,
0.3205

■ 8.5083, 0.2616,
0.3030

267.4635, 0.2961,
0.3211

■ 4.4219, 0.2497,
0.2963

320.4541, 0.2971,

■ 1.9123, 0.2309,

0.3215

0.2851

380.0186, 0.2979,
0.3220

0.5557, 0.1680,
0.2602

0.0000, 0.0000,
0.0000

66.0460, 0.2864,
0.3162

66.0460, 0.2864,
0.3162

60.0883, 0.2712,
0.3077

72.5983, 0.3018,
0.3240

54.6941, 0.2567,
0.2985

79.7584, 0.3172,
0.3310

49.8417, 0.2430,
0.2888

87.0720, 0.3306,
0.3373

45.5043, 0.2306,
0.2785

90.8714, 0.3299,
0.3436

■ 41.6525, 0.2199,
0.2679

■ 94.8070, 0.3292,
0.3498

■ 38.2531, 0.2110,
0.2571

■ 98.3825, 0.3285,
0.3552

■ 35.2674, 0.2041,
0.2463

■ 32.6456, 0.1992,
0.2357

■ 31.9229, 0.1980,
0.2326

Harmonies

Analogous

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



66.0460, 0.2902, 0.3280



66.0460, 0.2864, 0.3162



66.0460, 0.2894, 0.3082

Triad

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



66.0460, 0.2864, 0.3162



66.0460, 0.3254, 0.3179



66.0460, 0.3266, 0.3531

Complementary

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



66.0460, 0.2864, 0.3162



61.5453, 0.3433, 0.3415

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.



66.0460, 0.3364, 0.3497



66.0460, 0.2864, 0.3162



66.0460, 0.3357, 0.3293

Square

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



66.0460, 0.2864, 0.3162



66.0460, 0.3117, 0.3094



66.0460, 0.3398, 0.3409



66.0460, 0.3132, 0.3497

Rectangle

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



66.0460, 0.2864, 0.3162



66.0460, 0.2950, 0.3060



66.0460, 0.3398, 0.3409



66.0460, 0.3304, 0.3527

Sweetspot

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



66.0487, 0.2864, 0.3162



95.3762, 0.3050, 0.3255



70.5038, 0.3037, 0.3617



20.2788, 0.3039, 0.3249



0.0000, 0.0000, 0.0000



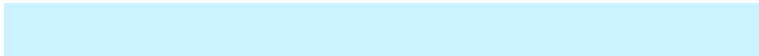
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0487, 0.2864, 0.3162



82.6941, 0.2817, 0.3137



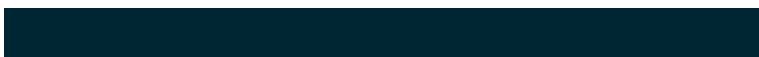
56.6059, 0.2853, 0.2931



15.6093, 0.2981, 0.3222



18.6412, 0.1984, 0.2342



1.5335, 0.2027, 0.2497

Inverse Universe

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



57.9414, 0.3231, 0.2984



70.7690, 0.3253, 0.2927



71.1441, 0.3398, 0.3625



14.5419, 0.3181, 0.3123



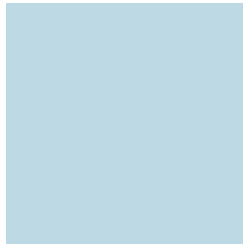
11.0796, 0.4082, 0.2022



0.8345, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 66.0460, 0.2864, 0.3162 looks on a white background.

Color Contrast Check

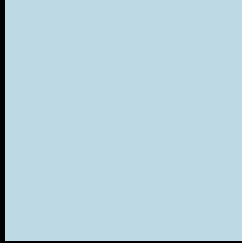
Large Text (above 18pt) WCAG AA × Fail

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 66.0460, 0.2864, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

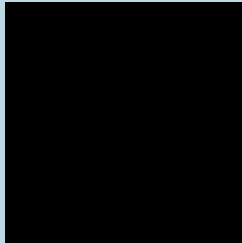
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

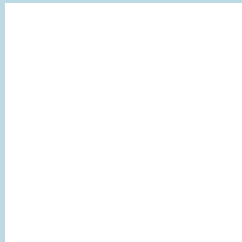
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0460, 0.2864, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 66.0460, 0.2864, 0.3162.

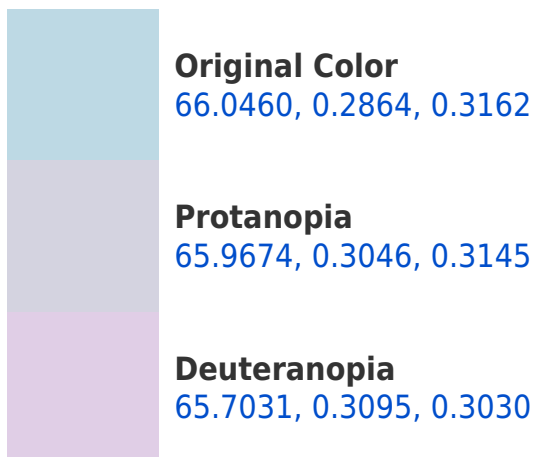


This preview shows how white text looks on a background with the Yxy color 66.0460, 0.2864, 0.3162.

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

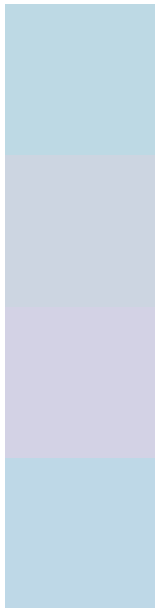




Tritanopia

65.9421, 0.2839, 0.3095

Trichromacy



Original Color

66.0460, 0.2864, 0.3162

Protanomaly

65.8621, 0.2983, 0.3154

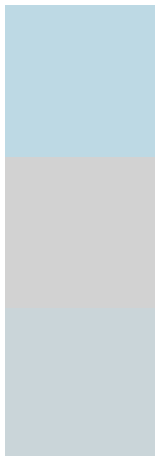
Deuteranomaly

65.5992, 0.3006, 0.3079

Tritanomaly

65.8284, 0.2851, 0.3117

Monochromacy



Original Color

66.0460, 0.2864, 0.3162

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1548, 0.3021, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0460, 0.2864, 0.3162 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(189, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(189, 217, 228)  
}
```

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(189, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 217, 228) }
```

Border

The CSS property to change the border of an element to Yxy 66.0460, 0.2864, 0.3162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

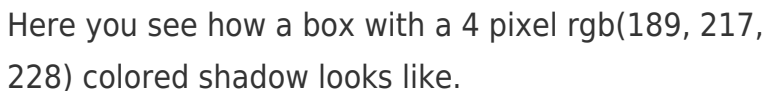
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 217, 228) }
```

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

```
.border{ border-color:rgb(189, 217, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 217, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 217, 228); box-shadow:4px 4px 4px 4px rgb(189, 217, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0460, 0.2864, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 217, 228) }
```

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

```
.background{ background-color: rgb(189,  
217, 228) }
```

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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