

Converting Colors

$Yxy(63.2693, 0.2866, 0.3126)$

Have a look what the booklet for
Yxy(63.2693, 0.2866, 0.3126)
contains.

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Color

Yxy(63.2693, 0.2866, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	BCD4E2
RGB	188, 212, 226
RGB Percent	74%, 83%, 89%
CMY	0.2628, 0.1686, 0.1136
CMYK	0.17, 0.06, 0.00, 0.11
HSL	202°, 40%, 81%
HSV	202°, 17%, 89%
XYZ	58.0070, 63.2693, 81.1207
YIQ	206.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

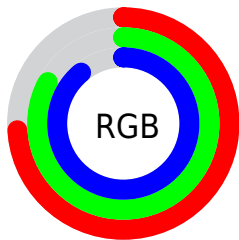
Format	Color
R _Y B	188, 203, 226
Decimal	12375266
CIE Lab	83.58, -5.13, -9.61
CIE LCh	84, 10.894, 241.935
Yxy	63.2693, 0.2866, 0.3126
Android (android.graphics.Color)	4290565346 (0xFFBCD4E2)
YUV	206.4200, 9.6529, -16.1543
Hunter-Lab	79.5420, -9.0252, -4.7874

Details

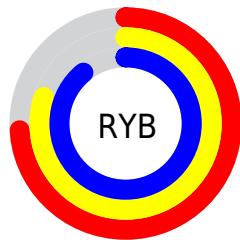
The Yxy color **63.2693, 0.2866, 0.3126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0363, 0.3422, 0.3449**, and the grayscale version is **61.9499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **32.1225, 0.2797, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **56.5679, 0.2710, 0.3015**, and if you desaturate by 10%, it is **70.6400, 0.3022, 0.3227**.

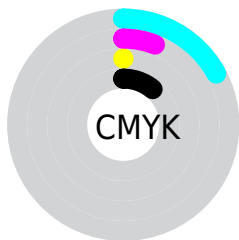
Distribution



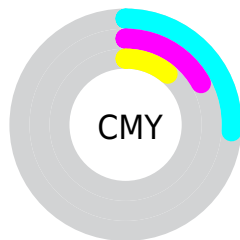
- Red (74%)
- Green (83%)
- Blue (89%)



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



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2693, 0.2866, 0.3126 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 63.2693, 0.2866, 0.3126 by changing the saturation by 10% instead.

■ 63.2693, 0.2866,
0.3126

■ 63.2693, 0.2866,
0.3126

436.5462, 0.2989,
0.3205

■ 46.0591, 0.2837,
0.3107

■ 109.5579, 0.2909,
0.3154

■ 32.2925, 0.2802,
0.3084

139.4052, 0.2926,
0.3165

■ 21.5850, 0.2756,
0.3054

174.2335, 0.2940,
0.3174

■ 13.5523, 0.2696,
0.3013

214.4274, 0.2952,
0.3182

■ 7.8099, 0.2612,
0.2956

260.3712, 0.2963,
0.3188

■ 3.9736, 0.2489,
0.2870

312.4494, 0.2973,

■ 1.6588, 0.2291,

0.3194

0.2726

371.0462, 0.2981,
0.3200

0.3968, 0.1432,
0.2255

0.0000, 0.0000,
0.0000

63.2693, 0.2866,
0.3126

63.2693, 0.2866,
0.3126

56.5679, 0.2710,
0.3015

70.6400, 0.3022,
0.3227

50.5039, 0.2557,
0.2895

78.6948, 0.3175,
0.3318

45.0541, 0.2411,
0.2765

87.3094, 0.3319,
0.3399

40.1906, 0.2275,
0.2629

92.2414, 0.3309,
0.3479

■ 35.8827, 0.2155,
0.2488

■ 97.4000, 0.3299,
0.3559

■ 32.0961, 0.2053,
0.2345

■ 98.2722, 0.3297,
0.3572

■ 28.7911, 0.1971,
0.2202

■ 25.9176, 0.1911,
0.2063

■ 25.0722, 0.1894,
0.2019

Harmonies

Analogous

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



63.2693, 0.2879, 0.3234



63.2693, 0.2866, 0.3126



63.2693, 0.2921, 0.3065

Triad

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



63.2693, 0.2866, 0.3126



63.2693, 0.3298, 0.3219



63.2693, 0.3219, 0.3527

Complementary

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



63.2693, 0.2866, 0.3126



62.0363, 0.3422, 0.3449

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.



63.2693, 0.3335, 0.3518



63.2693, 0.2866, 0.3126



63.2693, 0.3382, 0.3338

Square

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



63.2693, 0.2866, 0.3126



63.2693, 0.3169, 0.3120



63.2693, 0.3395, 0.3447



63.2693, 0.3081, 0.3470

Rectangle

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



63.2693, 0.2866, 0.3126



63.2693, 0.2990, 0.3058



63.2693, 0.3395, 0.3447



63.2693, 0.3262, 0.3532

Sweetspot

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



63.2719, 0.2866, 0.3126



94.7021, 0.3050, 0.3244



69.3530, 0.3019, 0.3574



20.1148, 0.3039, 0.3237



0.0000, 0.0000, 0.0000



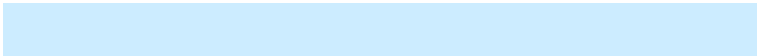
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2719, 0.2866, 0.3126



80.1739, 0.2814, 0.3091



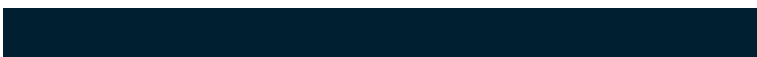
54.3409, 0.2855, 0.2898



14.6793, 0.2981, 0.3202



14.5348, 0.1900, 0.2041



1.1767, 0.1960, 0.2255

Inverse Universe

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



56.8814, 0.3254, 0.3023



70.5145, 0.3284, 0.2969



71.4875, 0.3388, 0.3654



13.8455, 0.3194, 0.3143



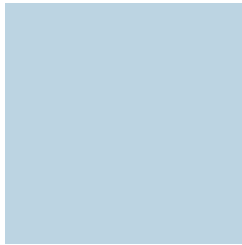
10.3753, 0.4406, 0.2201



0.7362, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 63.2693, 0.2866, 0.3126 looks on a white background.

Color Contrast Check

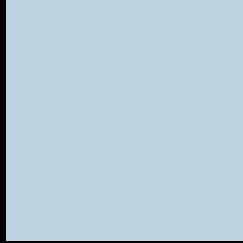
Large Text (above 18pt) WCAG AA × Fail

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 63.2693, 0.2866, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

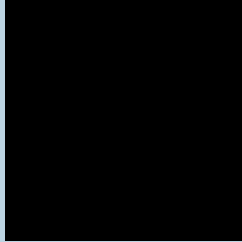
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

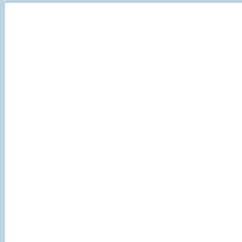
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2693, 0.2866, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 63.2693, 0.2866, 0.3126.

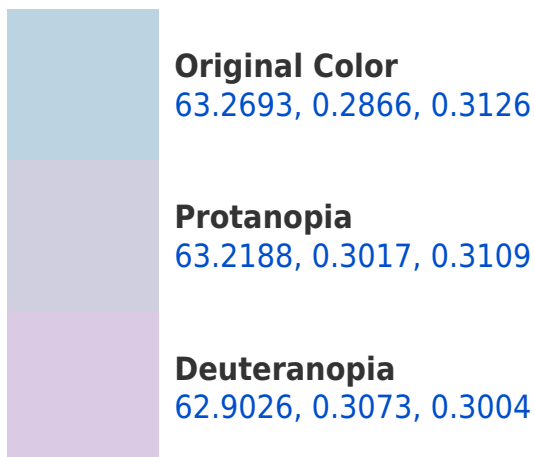


This preview shows how white text looks on a background with the Yxy color 63.2693, 0.2866, 0.3126.

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

63.3798, 0.2854, 0.3103

Trichromacy



Original Color

63.2693, 0.2866, 0.3126

Protanomaly

63.2621, 0.2961, 0.3118

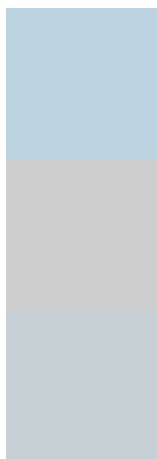
Deuteranomaly

63.0986, 0.2998, 0.3054

Tritanomaly

63.3244, 0.2860, 0.3115

Monochromacy



Original Color

63.2693, 0.2866, 0.3126

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.0580, 0.3026, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2693, 0.2866, 0.3126 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, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 212, 226)  
}
```

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, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 212, 226) }
```

Border

The CSS property to change the border of an element to Yxy 63.2693, 0.2866, 0.3126 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, 212, 226) }
```

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

```
.border{ border-color:rgb(188, 212, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 212, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 212, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 212,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2693, 0.2866, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 212, 226) }
```

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

```
.background{ background-color: rgb(188,  
212, 226) }
```

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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