

Converting Colors

Yxy(67.1515, 0.2872, 0.3154)

Have a look what the booklet for
Yxy(67.1515, 0.2872, 0.3154)
contains.

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Color

Yxy(67.0624, 0.2872, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	C0DAE6
RGB	192, 218, 230
RGB Percent	75%, 85%, 90%
CMY	0.2468, 0.1451, 0.0980
CMYK	0.16, 0.05, 0.00, 0.10
HSL	199°, 43%, 83%
HSV	199°, 16%, 90%
XYZ	61.1051, 67.0624, 84.5939
YIQ	211.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

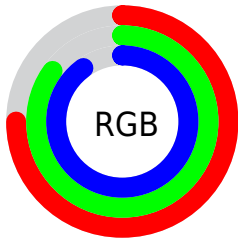
Format	Color
R _{YB}	192, 207, 230
Decimal	12638950
CIE Lab	85.54, -6.12, -8.80
CIE LCh	86, 10.717, 235.194
Yxy	67.0624, 0.2872, 0.3152
Android (android.graphics.Color)	4290829030 (0xFFC0DAE6)
YUV	211.5940, 9.0742, -17.1839
Hunter-Lab	81.8916, -10.1190, -3.9223

Details

The Yxy color **67.0624, 0.2872, 0.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8602, 0.3419, 0.3424**, and the grayscale version is **65.5116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **34.6928, 0.2806, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **60.5956, 0.2718, 0.3057**, and if you desaturate by 10%, it is **74.1702, 0.3027, 0.3238**.

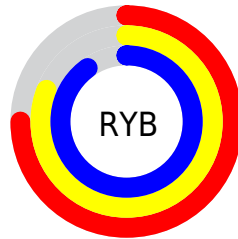
Distribution



Red (75%)

Green (85%)

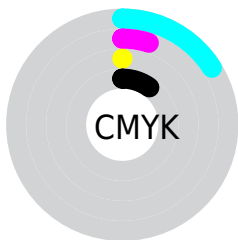
Blue (90%)



Red (75%)

Yellow (81%)

Blue (90%)

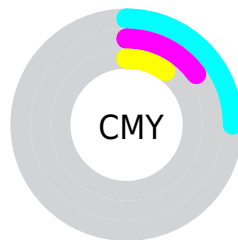


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (10%)



Cyan (25%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0624, 0.2872, 0.3152 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 67.0624, 0.2872, 0.3152 by changing the saturation by 10% instead.

■ 67.0624, 0.2872,
0.3152

■ 67.0624, 0.2872,
0.3152

■ 450.1669, 0.2991,
0.3218

■ 49.1353, 0.2845,
0.3137

■ 115.0098, 0.2913,
0.3175

■ 34.7269, 0.2811,
0.3117

■ 145.7990, 0.2929,
0.3184

■ 23.4525, 0.2768,
0.3092

■ 181.6443, 0.2943,
0.3192

■ 14.9280, 0.2711,
0.3059

■ 222.9301, 0.2955,
0.3198

■ 8.7689, 0.2633,
0.3012

■ 270.0409, 0.2966,
0.3204

■ 4.5907, 0.2520,
0.2943

■ 323.3610, 0.2975,

■ 2.0092, 0.2341,

0.3209

383.2749, 0.2983,
0.3214

0.2828

0.6128, 0.1832,
0.2592

0.0000, 0.0000,
0.0000

67.0624, 0.2872,
0.3152

67.0624, 0.2872,
0.3152

60.5956, 0.2718,
0.3057

74.1702, 0.3027,
0.3238

54.7377, 0.2569,
0.2955

81.9330, 0.3181,
0.3316

49.4657, 0.2429,
0.2845

89.2061, 0.3290,
0.3387

44.7521, 0.2300,
0.2729

93.5798, 0.3282,
0.3457

■ 40.5661, 0.2186,
0.2609

■ 98.1278, 0.3274,
0.3527

■ 36.8735, 0.2091,
0.2488

■ 98.4938, 0.3274,
0.3532

■ 33.6345, 0.2017,
0.2366

■ 30.7994, 0.1962,
0.2246

■ 29.8740, 0.1946,
0.2205

Harmonies

Analogous

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



67.0624, 0.2900, 0.3263



67.0624, 0.2872, 0.3152



67.0624, 0.2911, 0.3082

Triad

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



67.0624, 0.2872, 0.3152



67.0624, 0.3267, 0.3198



67.0624, 0.3245, 0.3523

Complementary

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



67.0624, 0.2872, 0.3152



63.8602, 0.3419, 0.3424

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.



67.0624, 0.3346, 0.3499



67.0624, 0.2872, 0.3152



67.0624, 0.3360, 0.3310

Square

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



67.0624, 0.2872, 0.3152



67.0624, 0.3137, 0.3109



67.0624, 0.3389, 0.3420



67.0624, 0.3113, 0.3481

Rectangle

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



67.0624, 0.2872, 0.3152



67.0624, 0.2970, 0.3065



67.0624, 0.3389, 0.3420



67.0624, 0.3284, 0.3522

Sweetspot

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



67.0652, 0.2872, 0.3152



95.1111, 0.3050, 0.3250



72.1781, 0.3032, 0.3590



20.2143, 0.3039, 0.3245



0.0000, 0.0000, 0.0000



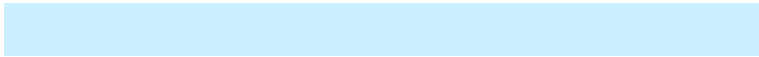
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0652, 0.2872, 0.3152



81.6977, 0.2816, 0.3119



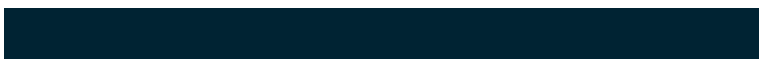
57.7847, 0.2862, 0.2929



15.5258, 0.2981, 0.3214



17.1402, 0.1951, 0.2224



1.4318, 0.2000, 0.2398

Inverse Universe

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



59.6132, 0.3237, 0.3008



70.6684, 0.3265, 0.2943



73.4377, 0.3386, 0.3627



14.5334, 0.3186, 0.3131



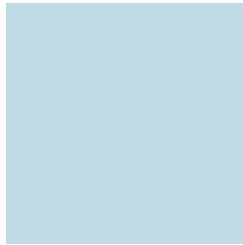
10.9280, 0.4207, 0.2091



0.8242, 0.4025, 0.1991

Previews

White Background



This preview shows how the Yxy color 67.0624, 0.2872, 0.3152 looks on a white background.

Color Contrast Check

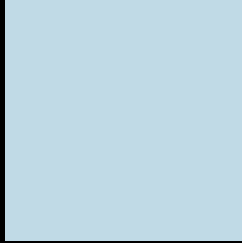
Large Text (above 18pt) WCAG AA × Fail

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 67.0624, 0.2872, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

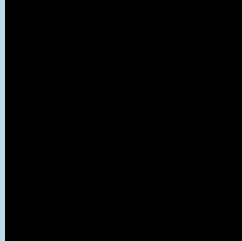
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

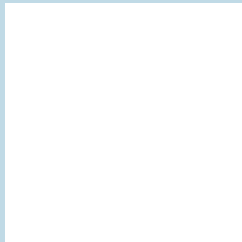
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0624, 0.2872, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 67.0624, 0.2872, 0.3152.

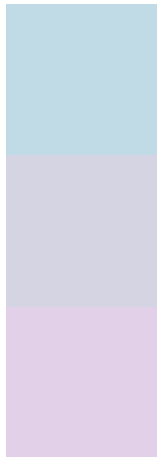


This preview shows how white text looks on a background with the Yxy color 67.0624, 0.2872, 0.3152.

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

67.0624, 0.2872, 0.3152

Protanopia

66.7241, 0.3040, 0.3135

Deuteranopia

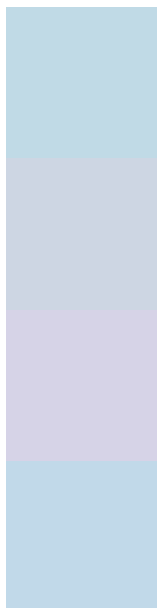
66.6206, 0.3095, 0.3022



Tritanopia

66.9613, 0.2848, 0.3085

Trichromacy



Original Color

67.0624, 0.2872, 0.3152

Protanomaly

66.6183, 0.2977, 0.3144

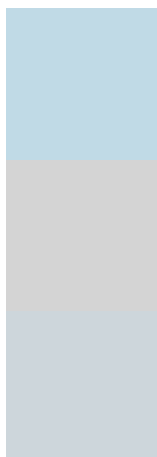
Deuteranomaly

66.6542, 0.3014, 0.3070

Tritanomaly

66.8464, 0.2860, 0.3108

Monochromacy



Original Color

67.0624, 0.2872, 0.3152

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1867, 0.3029, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0624, 0.2872, 0.3152 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(192, 218, 230)` looks like.

```
.text, #text, p{  
    color:rgb(192, 218, 230)  
}
```

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(192, 218, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 218, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.0624, 0.2872, 0.3152 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(192, 218, 230) }
```

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

```
.border{ border-color:rgb(192, 218, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 218, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 218, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 218, 230);  
box-shadow:4px 4px 4px 4px rgb(192, 218,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0624, 0.2872, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 218, 230) }
```

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

```
.background{ background-color: rgb(192,  
218, 230) }
```

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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