

Converting Colors

$Yxy(67.2150, 0.2903, 0.3141)$

Have a look what the booklet for
Yxy(67.2150, 0.2903, 0.3141)
contains.

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Color

Yxy(67.2092, 0.2904, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	C5D9E6
RGB	197, 217, 230
RGB Percent	77%, 85%, 90%
CMY	0.2276, 0.1490, 0.0979
CMYK	0.14, 0.06, 0.00, 0.10
HSL	204°, 40%, 84%
HSV	204°, 14%, 90%
XYZ	62.1182, 67.2092, 84.5784
YIQ	212.5020, -16.0930, -0.1970

Conversions

Conversions Part 2

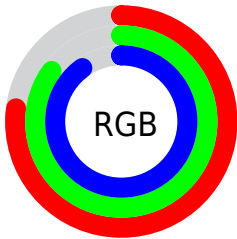
Format	Color
RYB	197, 209, 230
Decimal	12966374
CIELab	85.61, -4.06, -8.66
CIELCh	86, 9.567, 244.859
Yxy	67.2092, 0.2904, 0.3142
Android (android.graphics.Color)	4291156454 (0xFFC5D9E6)
YUV	212.5020, 8.6265, -13.5953
Hunter-Lab	81.9812, -8.2153, -3.7814

Details

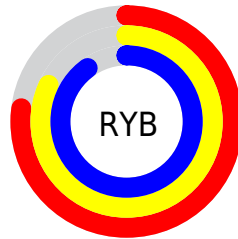
The Yxy color **67.2092, 0.2904, 0.3142** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9426, 0.3373, 0.3434**, and the grayscale version is **66.1385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.7754, 0.2847, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **59.7988, 0.2746, 0.3026**, and if you desaturate by 10%, it is **75.3552, 0.3060, 0.3247**.

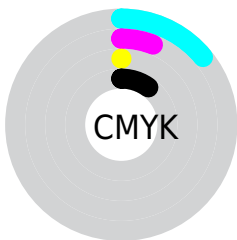
Distribution



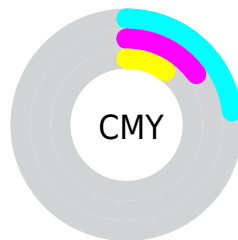
- Red (77%)
- Green (85%)
- Blue (90%)



- Red (77%)
- Yellow (82%)
- Blue (90%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2092, 0.2904, 0.3142 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 67.2092, 0.2904, 0.3142 by changing the saturation by 10% instead.

■ 67.2092, 0.2904,
0.3142

■ 67.2092, 0.2904,
0.3142

450.6891, 0.3008,
0.3212

■ 49.2547, 0.2880,
0.3126

115.2201, 0.2940,
0.3167

■ 34.8215, 0.2850,
0.3105

146.0453, 0.2954,
0.3176

■ 23.5254, 0.2812,
0.3079

181.9295, 0.2966,
0.3184

■ 14.9820, 0.2763,
0.3044

223.2570, 0.2977,
0.3191

■ 8.8067, 0.2694,
0.2996

270.4124, 0.2986,
0.3197

■ 4.6153, 0.2594,
0.2924

323.7799, 0.2994,

■ 2.0234, 0.2436,

0.3203

0.2807

383.7440, 0.3002,
0.3208

0.6210, 0.2021,
0.2556

0.0000, 0.0000,
0.0000

67.2092, 0.2904,
0.3142

67.2092, 0.2904,
0.3142

59.7988, 0.2746,
0.3026

75.3552, 0.3060,
0.3247

53.0902, 0.2590,
0.2899

84.2524, 0.3212,
0.3342

47.0588, 0.2439,
0.2762

91.7844, 0.3285,
0.3429

41.6754, 0.2297,
0.2617

97.3747, 0.3275,
0.3515

■ 36.9079, 0.2169,
0.2466

■ 98.4945, 0.3274,
0.3532

■ 32.7206, 0.2058,
0.2312

■ 29.0728, 0.1968,
0.2159

■ 25.9156, 0.1900,
0.2009

■ 24.3128, 0.1868,
0.1926

Harmonies

Analogous

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



67.2092, 0.2909, 0.3232



67.2092, 0.2904, 0.3142



67.2092, 0.2957, 0.3094

Triad

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



67.2092, 0.2904, 0.3142



67.2092, 0.3284, 0.3239



67.2092, 0.3196, 0.3491

Complementary

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



67.2092, 0.2904, 0.3142



66.9426, 0.3373, 0.3434

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.



67.2092, 0.3298, 0.3489



67.2092, 0.2904, 0.3142



67.2092, 0.3350, 0.3342

Square

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



67.2092, 0.2904, 0.3142



67.2092, 0.3175, 0.3150



67.2092, 0.3355, 0.3434



67.2092, 0.3076, 0.3436

Rectangle

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



67.2092, 0.2904, 0.3142



67.2092, 0.3019, 0.3090



67.2092, 0.3355, 0.3434



67.2092, 0.3233, 0.3497

Sweetspot

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



67.2120, 0.2904, 0.3142



95.5809, 0.3065, 0.3251



73.1088, 0.3031, 0.3522



20.2841, 0.3054, 0.3243



0.0000, 0.0000, 0.0000



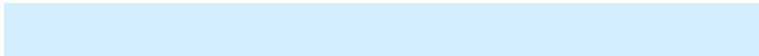
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2120, 0.2904, 0.3142



82.2746, 0.2861, 0.3111



59.2737, 0.2898, 0.2954



15.3339, 0.2981, 0.3195



14.0061, 0.1875, 0.1949



1.2148, 0.1935, 0.2166

Inverse Universe

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



61.7566, 0.3240, 0.3072



74.3412, 0.3265, 0.3029



75.3410, 0.3348, 0.3606



14.5141, 0.3198, 0.3148



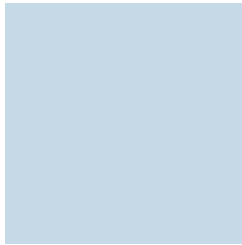
10.6116, 0.4511, 0.2259



0.8023, 0.4269, 0.2126

Previews

White Background



This preview shows how the Yxy color 67.2092, 0.2904, 0.3142 looks on a white background.

Color Contrast Check

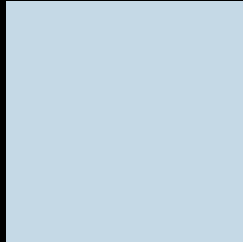
Large Text (above 18pt) WCAG AA × Fail

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 67.2092, 0.2904, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

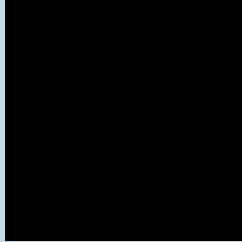
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

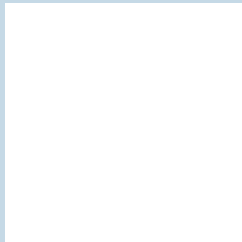
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2092, 0.2904, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 67.2092, 0.2904, 0.3142.

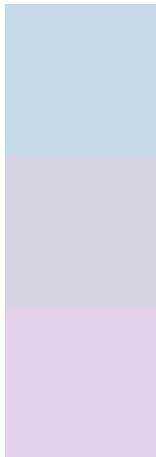


This preview shows how white text looks on a background with the Yxy color 67.2092, 0.2904, 0.3142.

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

67.2092, 0.2904, 0.3142

Protanopia

66.9292, 0.3041, 0.3124

Deuteranopia

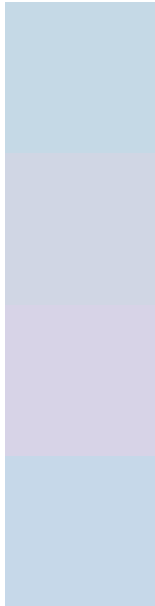
67.1067, 0.3095, 0.3033



Tritanopia

67.0580, 0.2886, 0.3087

Trichromacy



Original Color

67.2092, 0.2904, 0.3142

Protanomaly

67.1045, 0.2992, 0.3134

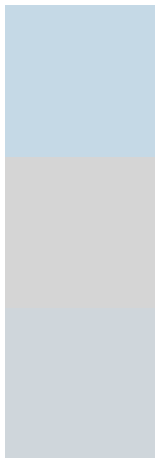
Deuteranomaly

66.8051, 0.3022, 0.3070

Tritanomaly

67.0007, 0.2892, 0.3098

Monochromacy



Original Color

67.2092, 0.2904, 0.3142

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4730, 0.3043, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2092, 0.2904, 0.3142 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(197, 217, 230)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 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(197, 217, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.2092, 0.2904, 0.3142 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(197, 217, 230) }
```

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

```
.border{ border-color:rgb(197, 217, 230) }
```

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

Here you see how a box with a 4 pixel rgb(197, 217, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
230) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 67.2092, 0.2904, 0.3142$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 217, 230) }
```

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

```
.background{ background-color: rgb(197,  
217, 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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