

Converting Colors

$Yxy(66.6830, 0.2928, 0.3058)$

Have a look what the booklet for
Yxy(66.6830, 0.2928, 0.3058)
contains.

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Color

Yxy(66.5081, 0.2932, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	CDD5EA
RGB	205, 213, 234
RGB Percent	80%, 84%, 92%
CMY	0.1963, 0.1646, 0.0824
CMYK	0.12, 0.09, 0.00, 0.08
HSL	223°, 41%, 86%
HSV	223°, 12%, 92%
XYZ	63.8095, 66.5081, 87.3136
YIQ	213.0020, -11.5090, 4.8350

Conversions

Conversions Part 2

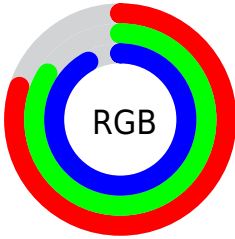
Format	Color
RYB	205, 211, 234
Decimal	13489642
CIELab	85.25, 1.37, -11.23
CIELCh	85, 11.316, 276.935
Yxy	66.5081, 0.2932, 0.3056
Android (android.graphics.Color)	4291679722 (0xFFCDD5EA)
YUV	213.0020, 10.3520, -7.0178
Hunter-Lab	81.5525, -3.0523, -6.3917

Details

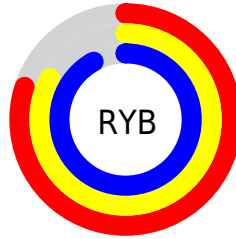
The Yxy color **66.5081, 0.2932, 0.3056** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2445, 0.3323, 0.3514**, and the grayscale version is **66.4721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2474, 0.2890, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **55.3684, 0.2761, 0.2841**, and if you desaturate by 10%, it is **79.0361, 0.3091, 0.3247**.

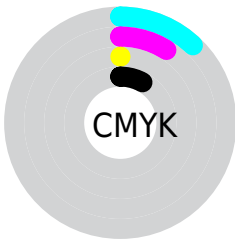
Distribution



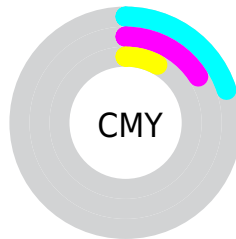
- Red (80%)
- Green (84%)
- Blue (92%)



- Red (80%)
- Yellow (83%)
- Blue (92%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5081, 0.2932, 0.3056 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 66.5081, 0.2932, 0.3056 by changing the saturation by 10% instead.

■ 66.5081, 0.2932,
0.3056

■ 66.5081, 0.2932,
0.3056

448.1918, 0.3024,
0.3165

■ 48.6850, 0.2911,
0.3031

114.2153, 0.2964,
0.3094

■ 34.3697, 0.2884,
0.2999

144.8681, 0.2976,
0.3109

■ 23.1777, 0.2851,
0.2960

180.5664, 0.2987,
0.3122

■ 14.7248, 0.2806,
0.2907

221.6944, 0.2996,
0.3133

■ 8.6265, 0.2745,
0.2835

268.6365, 0.3004,
0.3142

■ 4.4984, 0.2655,
0.2730

321.7772, 0.3012,

■ 1.9561, 0.2511,

0.3151

0.2563

381.5008, 0.3018,
0.3159

0.5818, 0.2202,
0.2185

0.0000, 0.0000,
0.0000

66.5081, 0.2932,
0.3056

66.5081, 0.2932,
0.3056

55.3684, 0.2761,
0.2841

79.0361, 0.3091,
0.3247

45.5597, 0.2580,
0.2604

92.9905, 0.3236,
0.3416

37.0328, 0.2394,
0.2347

98.7204, 0.3250,
0.3493

29.7321, 0.2208,
0.2075

■ 23.5978, 0.2031,
0.1798

■ 18.5644, 0.1872,
0.1527

■ 14.5593, 0.1741,
0.1277

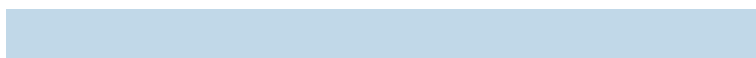
■ 11.4992, 0.1643,
0.1060

■ 9.7300, 0.1590,
0.0924

Harmonies

Analogous

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



66.5081, 0.2865, 0.3108



66.5081, 0.2932, 0.3056



66.5081, 0.3052, 0.3065

Triad

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



66.5081, 0.2932, 0.3056



66.5081, 0.3395, 0.3359



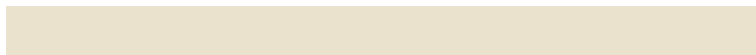
66.5081, 0.3057, 0.3458

Complementary

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



66.5081, 0.2932, 0.3056



76.2445, 0.3323, 0.3514

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.



66.5081, 0.3198, 0.3527



66.5081, 0.2932, 0.3056



66.5081, 0.3396, 0.3466

Square

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



66.5081, 0.2932, 0.3056



66.5081, 0.3320, 0.3237



66.5081, 0.3323, 0.3529



66.5081, 0.2936, 0.3341

Rectangle

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



66.5081, 0.2932, 0.3056



66.5081, 0.3146, 0.3103



66.5081, 0.3323, 0.3529



66.5081, 0.3104, 0.3488

Sweetspot

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



66.5109, 0.2932, 0.3056



93.5082, 0.3066, 0.3218



77.2934, 0.2986, 0.3380



19.7600, 0.3055, 0.3204



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.



66.5109, 0.2932, 0.3056



77.0841, 0.2888, 0.3001



63.4587, 0.2975, 0.2968



15.2308, 0.2980, 0.3115



5.6497, 0.1597, 0.0950



0.6008, 0.1672, 0.1218

Inverse Universe

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



65.9318, 0.3292, 0.3203



76.3244, 0.3334, 0.3184



79.6948, 0.3268, 0.3601



15.1229, 0.3249, 0.3225



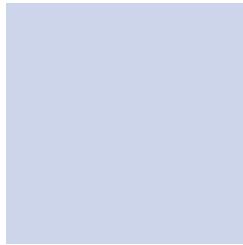
10.0632, 0.5835, 0.2988



0.8061, 0.5441, 0.2771

Previews

White Background



This preview shows how the Yxy color 66.5081, 0.2932, 0.3056 looks on a white background.

Color Contrast Check

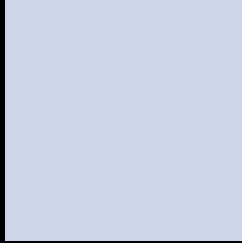
Large Text (above 18pt) WCAG AA × Fail

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 66.5081, 0.2932, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

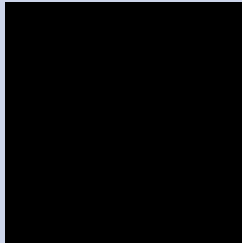
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

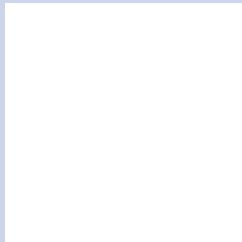
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5081, 0.2932, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 66.5081, 0.2932, 0.3056.

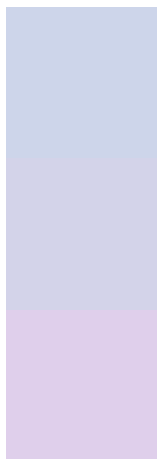


This preview shows how white text looks on a background with the Yxy color 66.5081, 0.2932, 0.3056.

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

66.5081, 0.2932, 0.3056

Protanopia

66.3206, 0.2980, 0.3047

Deuteranopia

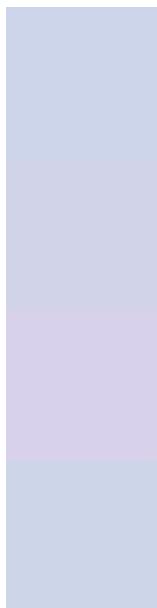
66.3118, 0.3053, 0.2989



Tritanopia

66.7000, 0.2945, 0.3099

Trichromacy



Original Color

66.5081, 0.2932, 0.3056

Protanomaly

66.5255, 0.2966, 0.3057

Deuteranomaly

66.1980, 0.3002, 0.3006

Tritanomaly

66.7567, 0.2938, 0.3088

Monochromacy



Original Color

66.5081, 0.2932, 0.3056

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5106, 0.3052, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5081, 0.2932, 0.3056 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(205, 213, 234)` looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 234)  
}
```

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(205, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 234) }
```

Border

The CSS property to change the border of an element to Yxy 66.5081, 0.2932, 0.3056 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(205, 213, 234) }
```

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

```
.border{ border-color:rgb(205, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5081, 0.2932, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 234) }
```

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

```
.background{ background-color: rgb(205,  
213, 234) }
```

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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