

Converting Colors

Yxy(66.3359, 0.2900, 0.2932)

Have a look what the booklet for
Yxy(66.3359, 0.2900, 0.2932)
contains.

Yxy(66.1196, 0.2902, 0.2929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1196, 0.2902, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	D1D2F3
RGB	209, 210, 243
RGB Percent	82%, 82%, 95%
CMY	0.1806, 0.1764, 0.0470
CMYK	0.14, 0.14, 0.00, 0.05
HSL	238°, 59%, 89%
HSV	238°, 14%, 95%
XYZ	65.5101, 66.1196, 94.1115
YIQ	213.4630, -11.1890, 10.0510

Conversions

Conversions Part 2

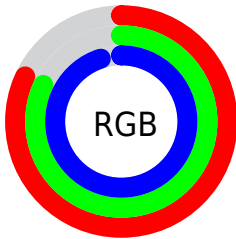
Format	Color
R _{YB}	209, 210, 243
Decimal	13751027
CIE Lab	85.06, 6.07, -16.28
CIE LCh	85, 17.372, 290.462
Yxy	66.1196, 0.2902, 0.2929
Android (android.graphics.Color)	4291941107 (0xFFD1D2F3)
YUV	213.4630, 14.5617, -3.9141
Hunter-Lab	81.3140, 1.5080, -11.7016

Details

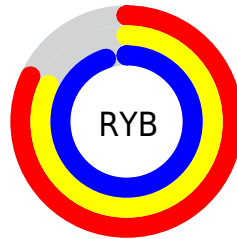
The Yxy color **66.1196, 0.2902, 0.2929** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1319, 0.3339, 0.3627**, and the grayscale version is **66.7698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2348, 0.2843, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **52.0611, 0.2717, 0.2631**, and if you desaturate by 10%, it is **82.4343, 0.3067, 0.3193**.

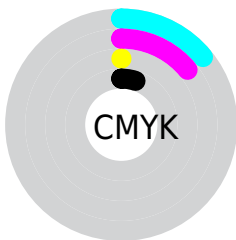
Distribution



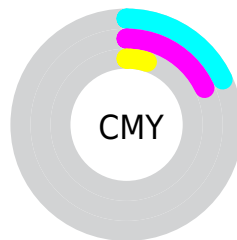
- Red (82%)
- Green (82%)
- Blue (95%)



- Red (82%)
- Yellow (82%)
- Blue (95%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1196, 0.2902, 0.2929 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 66.1196, 0.2902, 0.2929 by changing the saturation by 10% instead.

■ 66.1196, 0.2902,
0.2929

■ 66.1196, 0.2902,
0.2929

446.8045, 0.3008,
0.3096

■ 48.3695, 0.2877,
0.2891

113.6580, 0.2939,
0.2987

■ 34.1196, 0.2847,
0.2844

144.2150, 0.2954,
0.3009

■ 22.9855, 0.2807,
0.2785

179.8099, 0.2966,
0.3029

■ 14.5828, 0.2755,
0.2707

220.8269, 0.2977,
0.3046

■ 8.5271, 0.2684,
0.2602

267.6504, 0.2986,
0.3061

■ 4.4340, 0.2579,
0.2452

320.6650, 0.2994,

■ 1.9192, 0.2413,

0.3074

0.2222

380.2549, 0.3002,
0.3085

■ 0.5599, 0.2114,
0.1739

■ 0.0000, 0.0000,
0.0000

■ 66.1196, 0.2902,
0.2929

■ 66.1196, 0.2902,
0.2929

■ 52.0611, 0.2717,
0.2631

■ 82.4343, 0.3067,
0.3193

■ 40.1517, 0.2516,
0.2305

■ 99.2517, 0.3197,
0.3405

■ 30.2881, 0.2303,
0.1958

■ 22.3552, 0.2090,
0.1608

■ 16.2264, 0.1892,
0.1279

■ 11.7600, 0.1723,
0.0996

■ 8.7934, 0.1599,
0.0783

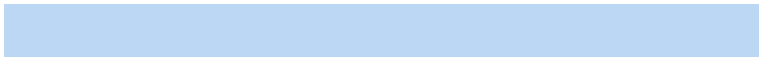
■ 7.1309, 0.1526,
0.0654

■ 6.6363, 0.1504,
0.0614

Harmonies

Analogous

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



66.1196, 0.2761, 0.2964



66.1196, 0.2902, 0.2929



66.1196, 0.3107, 0.2985

Triad

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



66.1196, 0.2902, 0.2929



66.1196, 0.3557, 0.3471



66.1196, 0.2928, 0.3474

Complementary

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



66.1196, 0.2902, 0.2929



87.1319, 0.3339, 0.3627

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.



66.1196, 0.3136, 0.3623



66.1196, 0.2902, 0.2929



66.1196, 0.3503, 0.3613

Square

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



66.1196, 0.2902, 0.2929



66.1196, 0.3490, 0.3290



66.1196, 0.3347, 0.3673



66.1196, 0.2776, 0.3274

Rectangle

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



66.1196, 0.2902, 0.2929



66.1196, 0.3254, 0.3065



66.1196, 0.3347, 0.3673



66.1196, 0.2993, 0.3533

Sweetspot

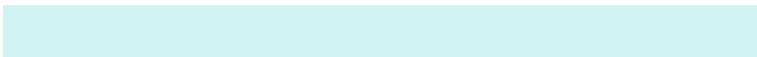
The Sweet Spot groups the original color and five complimentary colors.



66.1223, 0.2902, 0.2929



91.9729, 0.3067, 0.3193



84.0601, 0.2920, 0.3301



19.3730, 0.3055, 0.3175



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.



66.1223, 0.2902, 0.2929



68.7547, 0.2848, 0.2842



68.0339, 0.3013, 0.2929



16.0095, 0.2979, 0.3053



3.6776, 0.1505, 0.0619



0.3519, 0.1519, 0.0668

Inverse Universe

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



69.2897, 0.3379, 0.3280



72.9764, 0.3445, 0.3277



85.0593, 0.3230, 0.3649



16.4909, 0.3289, 0.3283



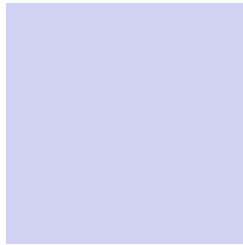
10.4706, 0.6368, 0.3282



0.9232, 0.6286, 0.3236

Previews

White Background



This preview shows how the Yxy color 66.1196, 0.2902, 0.2929 looks on a white background.

Color Contrast Check

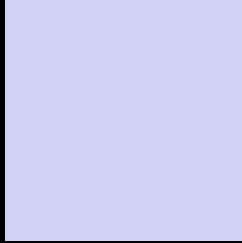
Large Text (above 18pt) WCAG AA × Fail

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 66.1196, 0.2902, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

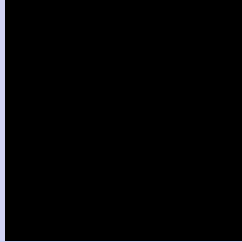
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1196, 0.2902, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 66.1196, 0.2902, 0.2929.



This preview shows how white text looks on a background with the Yxy color 66.1196, 0.2902, 0.2929.

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

66.1196, 0.2902, 0.2929

Protanopia

66.3250, 0.2889, 0.2939

Deuteranopia

66.0627, 0.2958, 0.2892



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.1196, 0.2902, 0.2929

Protanomaly

66.4695, 0.2896, 0.2939

Deuteranomaly

66.0905, 0.2937, 0.2901

Tritanomaly

65.9389, 0.2953, 0.3035

Monochromacy



Original Color

66.1196, 0.2902, 0.2929

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4658, 0.3046, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1196, 0.2902, 0.2929 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(209, 210, 243)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 243)  
}
```

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(209, 210, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 243) }
```

Border

The CSS property to change the border of an element to Yxy 66.1196, 0.2902, 0.2929 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(209, 210, 243) }
```

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

```
.border{ border-color:rgb(209, 210, 243) }
```

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

Here you see how a box with a 4 pixel rgb(209, 210, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 243);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1196, 0.2902, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 210, 243) }
```

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

```
.background{ background-color: rgb(209,  
210, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor