

Converting Colors

$Yxy(66.7648, 0.3014, 0.3081)$

Have a look what the booklet for
Yxy(66.7648, 0.3014, 0.3081)
contains.

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Color

Yxy(66.4478, 0.3014, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	D5D3E6
RGB	213, 211, 230
RGB Percent	84%, 83%, 90%
CMY	0.1646, 0.1726, 0.0980
CMYK	0.07, 0.08, 0.00, 0.10
HSL	246°, 28%, 86%
HSV	246°, 8%, 90%
XYZ	65.0239, 66.4478, 84.2679
YIQ	213.7640, -4.9070, 6.3330

Conversions

Conversions Part 2

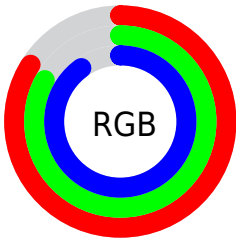
Format	Color
R _Y B	213, 211, 230
Decimal	14013414
CIE Lab	85.22, 4.26, -9.10
CIE LCh	85, 10.047, 295.077
Yxy	66.4478, 0.3014, 0.3080
Android (android.graphics.Color)	4292203494 (0xFFD5D3E6)
YUV	213.7640, 8.0043, -0.6700
Hunter-Lab	81.5155, -0.2649, -4.2311

Details

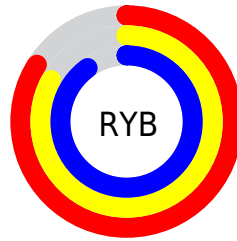
The Yxy color **66.4478, 0.3014, 0.3080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.7931, 0.3235, 0.3493**, and the grayscale version is **67.0300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4782, 0.2979, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **52.9475, 0.2859, 0.2797**, and if you desaturate by 10%, it is **81.9781, 0.3149, 0.3331**.

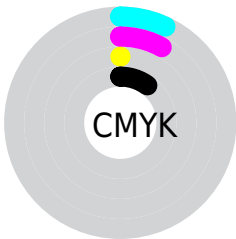
Distribution



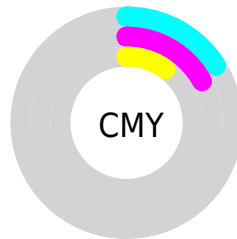
- Red (84%)
- Green (83%)
- Blue (90%)



- Red (84%)
- Yellow (83%)
- Blue (90%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4478, 0.3014, 0.3080 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 66.4478, 0.3014, 0.3080 by changing the saturation by 10% instead.

■ 66.4478, 0.3014,
0.3080

■ 66.4478, 0.3014,
0.3080

447.9767, 0.3068,
0.3178

■ 48.6360, 0.3002,
0.3057

114.1288, 0.3033,
0.3114

■ 34.3308, 0.2986,
0.3030

144.7668, 0.3040,
0.3127

■ 23.1479, 0.2966,
0.2994

180.4490, 0.3046,
0.3139

■ 14.7027, 0.2939,
0.2948

221.5598, 0.3052,
0.3149

■ 8.6110, 0.2903,
0.2884

268.4835, 0.3056,
0.3157

■ 4.4883, 0.2848,
0.2791

321.6047, 0.3060,

■ 1.9503, 0.2758,

0.3165

0.2643

381.3076, 0.3064,
0.3172

■ 0.5784, 0.2583,
0.2286

■ 0.0000, 0.0000,
0.0000

■ 66.4478, 0.3014,
0.3080

■ 66.4478, 0.3014,
0.3080

■ 52.9475, 0.2859,
0.2797

■ 81.9781, 0.3149,
0.3331

■ 41.3852, 0.2685,
0.2484

■ 98.3269, 0.3268,
0.3533

■ 31.6743, 0.2494,
0.2147

■ 98.4937, 0.3274,
0.3532

■ 23.7183, 0.2293,
0.1800

■ 17.4119, 0.2091,
0.1460

■ 12.6387, 0.1901,
0.1152

■ 9.2667, 0.1739,
0.0901

■ 7.1416, 0.1617,
0.0725

■ 6.0487, 0.1541,
0.0629

Harmonies

Analogous

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



66.4478, 0.2923, 0.3094



66.4478, 0.3014, 0.3080



66.4478, 0.3136, 0.3120

Triad

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



66.4478, 0.3014, 0.3080



66.4478, 0.3373, 0.3413



66.4478, 0.2996, 0.3379

Complementary

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



66.4478, 0.3014, 0.3080



77.7931, 0.3235, 0.3493

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.



66.4478, 0.3114, 0.3469



66.4478, 0.3014, 0.3080



66.4478, 0.3334, 0.3487

Square

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



66.4478, 0.3014, 0.3080



66.4478, 0.3346, 0.3309



66.4478, 0.3238, 0.3509



66.4478, 0.2913, 0.3265

Rectangle

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



66.4478, 0.3014, 0.3080



66.4478, 0.3220, 0.3171



66.4478, 0.3238, 0.3509



66.4478, 0.3033, 0.3413

Sweetspot

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



66.4506, 0.3014, 0.3080



95.9353, 0.3101, 0.3241



75.1088, 0.3000, 0.3269



20.5767, 0.3102, 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.



66.4506, 0.3014, 0.3080



80.7286, 0.2988, 0.3032



67.8942, 0.3081, 0.3084



13.9604, 0.2997, 0.3048



3.3734, 0.1538, 0.0621



0.2741, 0.1628, 0.0670

Inverse Universe

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



69.0119, 0.3151, 0.3109



84.6217, 0.3156, 0.3069



76.3006, 0.3170, 0.3497



14.5873, 0.3154, 0.3083



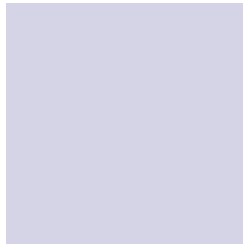
12.0430, 0.3497, 0.1700



0.8976, 0.3449, 0.1674

Previews

White Background



This preview shows how the Yxy color 66.4478, 0.3014, 0.3080 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 66.4478, 0.3014, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

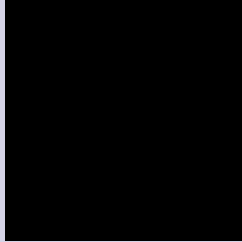
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

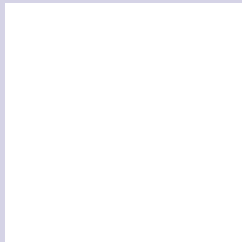
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4478, 0.3014, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 66.4478, 0.3014, 0.3080.

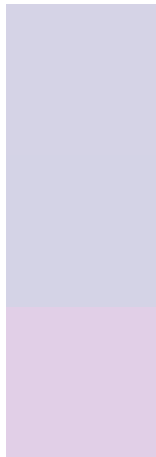


This preview shows how white text looks on a background with the Yxy color 66.4478, 0.3014, 0.3080.

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

66.4478, 0.3014, 0.3080

Protanopia

66.2988, 0.3007, 0.3080

Deuteranopia

66.4027, 0.3095, 0.3032



Tritanopia

66.3361, 0.3027, 0.3102

Trichromacy



Original Color

66.4478, 0.3014, 0.3080

Protanomaly

66.2988, 0.3007, 0.3080

Deuteranomaly

66.2534, 0.3065, 0.3040

Tritanomaly

66.3918, 0.3020, 0.3091

Monochromacy



Original Color

66.4478, 0.3014, 0.3080

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0519, 0.3087, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4478, 0.3014, 0.3080 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(213, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 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(213, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 230) }
```

Border

The CSS property to change the border of an element to Yxy 66.4478, 0.3014, 0.3080 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(213, 211, 230) }
```

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

```
.border{ border-color:rgb(213, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4478, 0.3014, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 230) }
```

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

```
.background{ background-color: rgb(213,  
211, 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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