

Converting Colors

$Yxy(67.1904, 0.3012, 0.3100)$

Have a look what the booklet for
Yxy(67.1904, 0.3012, 0.3100)
contains.

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Color

Yxy(67.4478, 0.3014, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5E6
RGB	213, 213, 230
RGB Percent	84%, 84%, 90%
CMY	0.1647, 0.1647, 0.0982
CMYK	0.07, 0.07, 0.00, 0.10
HSL	240°, 25%, 87%
HSV	240°, 7%, 90%
XYZ	65.5133, 67.4478, 84.4021
YIQ	214.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

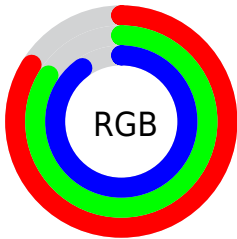
Format	Color
R _{YB}	213, 213, 230
Decimal	14013926
CIE Lab	85.73, 3.18, -8.33
CIE LCh	86, 8.914, 290.920
Yxy	67.4478, 0.3014, 0.3103
Android (android.graphics.Color)	4292204006 (0xFFD5D5E6)
YUV	214.9380, 7.4256, -1.6996
Hunter-Lab	82.1266, -1.3302, -3.4441

Details

The Yxy color **67.4478, 0.3014, 0.3103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.1903, 0.3236, 0.3470**, and the grayscale version is **67.8630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8180, 0.2979, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **53.4971, 0.2842, 0.2819**, and if you desaturate by 10%, it is **83.5303, 0.3165, 0.3352**.

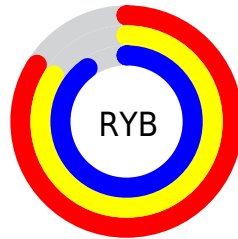
Distribution



Red (84%)

Green (84%)

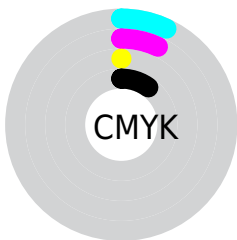
Blue (90%)



Red (84%)

Yellow (84%)

Blue (90%)

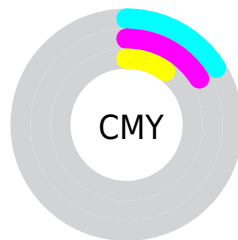


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (16%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4478, 0.3014, 0.3103 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 67.4478, 0.3014, 0.3103 by changing the saturation by 10% instead.

■ 67.4478, 0.3014,
0.3103

■ 67.4478, 0.3014,
0.3103

451.5371, 0.3067,
0.3190

■ 49.4486, 0.3002,
0.3083

115.5618, 0.3033,
0.3133

■ 34.9755, 0.2986,
0.3058

146.4455, 0.3040,
0.3145

■ 23.6440, 0.2966,
0.3027

182.3927, 0.3046,
0.3155

■ 15.0697, 0.2940,
0.2985

223.7880, 0.3051,
0.3164

■ 8.8684, 0.2904,
0.2928

271.0157, 0.3056,
0.3172

■ 4.6554, 0.2851,
0.2846

324.4601, 0.3060,

■ 2.0465, 0.2764,

0.3179

0.2715

384.5058, 0.3064,
0.3185

0.6343, 0.2596,
0.2419

0.0000, 0.0000,
0.0000

67.4478, 0.3014,
0.3103

67.4478, 0.3014,
0.3103

53.4971, 0.2842,
0.2819

83.5303, 0.3165,
0.3352

41.5806, 0.2651,
0.2502

98.4912, 0.3274,
0.3533

31.6060, 0.2442,
0.2159

23.4704, 0.2226,
0.1801

■ 17.0616, 0.2014,
0.1450

■ 12.2549, 0.1822,
0.1133

■ 8.9092, 0.1668,
0.0878

■ 6.8586, 0.1563,
0.0704

■ 5.8838, 0.1510,
0.0616

Harmonies

Analogous

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



67.4478, 0.2939, 0.3123



67.4478, 0.3014, 0.3103



67.4478, 0.3120, 0.3132

Triad

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



67.4478, 0.3014, 0.3103



67.4478, 0.3345, 0.3387



67.4478, 0.3024, 0.3382

Complementary

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



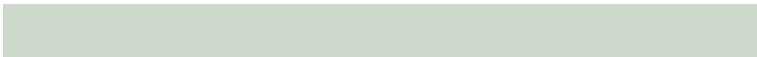
67.4478, 0.3014, 0.3103



78.1903, 0.3236, 0.3470

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.



67.4478, 0.3132, 0.3456



67.4478, 0.3014, 0.3103



67.4478, 0.3318, 0.3457

Square

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



67.4478, 0.3014, 0.3103



67.4478, 0.3312, 0.3294



67.4478, 0.3239, 0.3483



67.4478, 0.2945, 0.3282

Rectangle

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



67.4478, 0.3014, 0.3103



67.4478, 0.3194, 0.3174



67.4478, 0.3239, 0.3483



67.4478, 0.3058, 0.3410

Sweetspot

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



67.4507, 0.3014, 0.3103



95.8364, 0.3097, 0.3241



76.4158, 0.3015, 0.3293



20.5565, 0.3099, 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.



67.4507, 0.3014, 0.3103



82.1330, 0.2987, 0.3058



68.7032, 0.3072, 0.3106



13.8885, 0.2980, 0.3047



3.2367, 0.1500, 0.0600



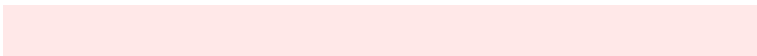
0.2397, 0.1501, 0.0601

Inverse Universe

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



69.2103, 0.3253, 0.3290



84.8312, 0.3285, 0.3290



76.8710, 0.3179, 0.3474



14.3681, 0.3292, 0.3290



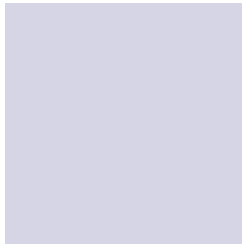
9.5245, 0.6400, 0.3299



0.7039, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 67.4478, 0.3014, 0.3103 looks on a white background.

Color Contrast Check

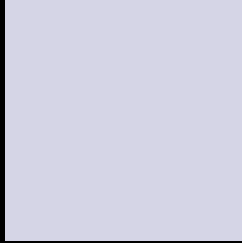
Large Text (above 18pt) WCAG AA × Fail

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 67.4478, 0.3014, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

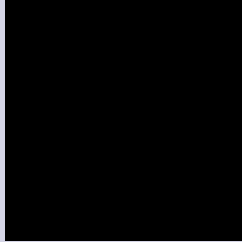
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

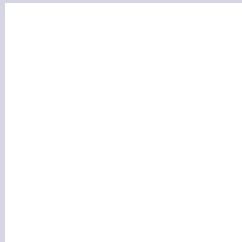
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4478, 0.3014, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 67.4478, 0.3014, 0.3103.

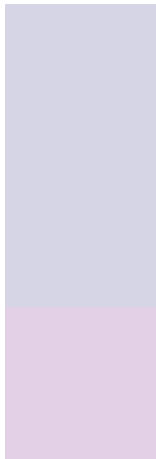


This preview shows how white text looks on a background with the Yxy color 67.4478, 0.3014, 0.3103.

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

67.4478, 0.3014, 0.3103

Protanopia

67.4478, 0.3014, 0.3103

Deuteranopia

67.2122, 0.3109, 0.3044



Tritanopia

67.4478, 0.3014, 0.3103

Trichromacy



Original Color

67.4478, 0.3014, 0.3103

Protanomaly

67.4478, 0.3014, 0.3103

Deuteranomaly

67.3923, 0.3072, 0.3063

Tritanomaly

67.4478, 0.3014, 0.3103

Monochromacy



Original Color

67.4478, 0.3014, 0.3103

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5566, 0.3087, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4478, 0.3014, 0.3103 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, 213, 230)` looks like.

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

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

Border

The CSS property to change the border of an element to Yxy 67.4478, 0.3014, 0.3103 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, 213, 230) }
```

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

```
.border{ border-color:rgb(213, 213, 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, 213, 230)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 67.4478, 0.3014, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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