

Converting Colors

Yxy(66.6913, 0.3016, 0.3069)

Have a look what the booklet for
Yxy(66.6913, 0.3016, 0.3069)
contains.

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Color

Yxy(66.6542, 0.3014, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	D6D3E7
RGB	214, 211, 231
RGB Percent	84%, 83%, 91%
CMY	0.1610, 0.1725, 0.0941
CMYK	0.07, 0.09, 0.00, 0.09
HSL	249°, 29%, 87%
HSV	249°, 9%, 91%
XYZ	65.4384, 66.6542, 85.0221
YIQ	214.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

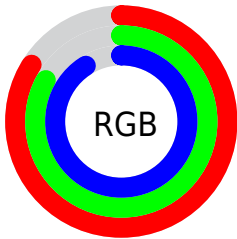
Format	Color
R_{YB}	214, 211, 231
Decimal	14078951
CIE _{Lab}	85.33, 4.74, -9.47
CIE _{LCh}	85, 10.586, 296.605
Yxy	66.6542, 0.3014, 0.3070
Android (android.graphics.Color)	4292269031 (0xFFD6D3E7)
YUV	214.1770, 8.2937, -0.1552
Hunter-Lab	81.6420, 0.1992, -4.5953

Details

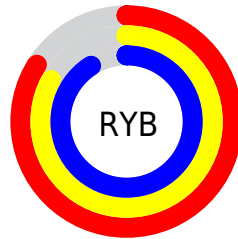
The Yxy color **66.6542, 0.3014, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3673, 0.3235, 0.3504**, and the grayscale version is **67.3131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5800, 0.2988, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **53.2018, 0.2865, 0.2787**, and if you desaturate by 10%, it is **82.1208, 0.3144, 0.3322**.

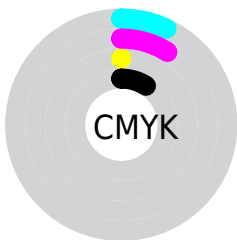
Distribution



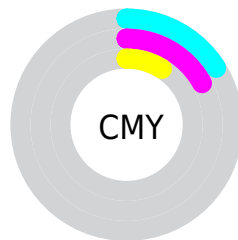
- Red (84%)
- Green (83%)
- Blue (91%)



- Red (84%)
- Yellow (83%)
- Blue (91%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6542, 0.3014, 0.3070 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 66.6542, 0.3014, 0.3070 by changing the saturation by 10% instead.

■ 66.6542, 0.3014,
0.3070

■ 66.6542, 0.3014,
0.3070

448.7129, 0.3068,
0.3172

■ 48.8037, 0.3001,
0.3047

114.4248, 0.3033,
0.3106

■ 34.4638, 0.2986,
0.3017

145.1136, 0.3040,
0.3119

■ 23.2501, 0.2966,
0.2980

180.8506, 0.3046,
0.3131

■ 14.7783, 0.2939,
0.2932

222.0203, 0.3052,
0.3142

■ 8.6639, 0.2902,
0.2865

269.0069, 0.3056,
0.3151

■ 4.5226, 0.2848,
0.2769

322.1950, 0.3061,

■ 1.9700, 0.2758,

0.3159

0.2617

381.9689, 0.3064,
0.3166

0.5900, 0.2590,
0.2259

0.0000, 0.0000,
0.0000

66.6542, 0.3014,
0.3070

66.6542, 0.3014,
0.3070

53.2018, 0.2865,
0.2787

82.1208, 0.3144,
0.3322

41.6724, 0.2698,
0.2475

98.2448, 0.3257,
0.3523

31.9802, 0.2514,
0.2142

98.5499, 0.3268,
0.3522

24.0297, 0.2318,
0.1798

■ 17.7166, 0.2121,
0.1463

■ 12.9257, 0.1934,
0.1160

■ 9.5261, 0.1771,
0.0912

■ 7.3647, 0.1645,
0.0737

■ 6.2212, 0.1560,
0.0639

Harmonies

Analogous

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



66.6542, 0.2916, 0.3082



66.6542, 0.3014, 0.3070



66.6542, 0.3144, 0.3114

Triad

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



66.6542, 0.3014, 0.3070



66.6542, 0.3386, 0.3424



66.6542, 0.2983, 0.3378

Complementary

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



66.6542, 0.3014, 0.3070



78.3673, 0.3235, 0.3504

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.



66.6542, 0.3107, 0.3475



66.6542, 0.3014, 0.3070



66.6542, 0.3341, 0.3500

Square

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



66.6542, 0.3014, 0.3070



66.6542, 0.3361, 0.3315



66.6542, 0.3238, 0.3520



66.6542, 0.2899, 0.3257

Rectangle

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



66.6542, 0.3014, 0.3070



66.6542, 0.3231, 0.3170



66.6542, 0.3238, 0.3520



66.6542, 0.3021, 0.3415

Sweetspot

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



66.6570, 0.3014, 0.3070



93.9983, 0.3089, 0.3216



75.2972, 0.2994, 0.3261



19.7847, 0.3079, 0.3196



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.



66.6570, 0.3014, 0.3070



80.8986, 0.2994, 0.3032



68.1649, 0.3084, 0.3075



13.9879, 0.3003, 0.3049



3.4558, 0.1560, 0.0633



0.2872, 0.1673, 0.0696

Inverse Universe

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



69.1950, 0.3157, 0.3109



84.5576, 0.3162, 0.3079



76.8193, 0.3167, 0.3508



14.5770, 0.3160, 0.3092



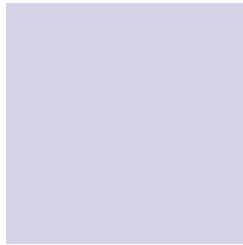
11.8033, 0.3616, 0.1766



0.8822, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 66.6542, 0.3014, 0.3070 looks on a white background.

Color Contrast Check

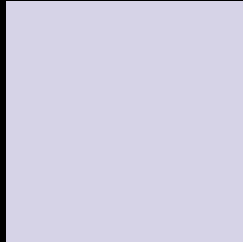
Large Text (above 18pt) WCAG AA × Fail

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 66.6542, 0.3014, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

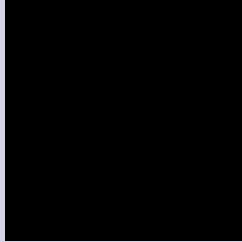
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6542, 0.3014, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 66.6542, 0.3014, 0.3070.

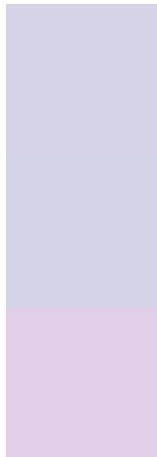


This preview shows how white text looks on a background with the Yxy color 66.6542, 0.3014, 0.3070.

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

66.6542, 0.3014, 0.3070

Protanopia

66.8535, 0.3000, 0.3080

Deuteranopia

66.4594, 0.3088, 0.3021



Tritanopia

66.3361, 0.3027, 0.3102

Trichromacy



Original Color

66.6542, 0.3014, 0.3070

Protanomaly

67.0026, 0.3007, 0.3081

Deuteranomaly

66.3101, 0.3059, 0.3030

Tritanomaly

66.3918, 0.3020, 0.3091

Monochromacy



Original Color

66.6542, 0.3014, 0.3070

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 66.6542, 0.3014, 0.3070 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(214, 211, 231)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 231)  
}
```

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(214, 211, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 231) }
```

Border

The CSS property to change the border of an element to Yxy 66.6542, 0.3014, 0.3070 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(214, 211, 231) }
```

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

```
.border{ border-color:rgb(214, 211, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 231);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6542, 0.3014, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 231) }
```

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

```
.background{ background-color: rgb(214,  
211, 231) }
```

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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