

Converting Colors

$Yxy(70.5524, 0.2953, 0.3184)$

Have a look what the booklet for
Yxy(70.5524, 0.2953, 0.3184)
contains.

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Color

Yxy(70.4616, 0.2953, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	CDDDE7
RGB	205, 221, 231
RGB Percent	80%, 87%, 91%
CMY	0.1961, 0.1333, 0.0942
CMYK	0.11, 0.04, 0.00, 0.09
HSL	203°, 35%, 85%
HSV	203°, 11%, 91%
XYZ	65.4524, 70.4616, 85.7331
YIQ	217.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

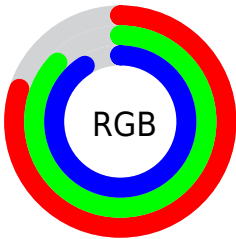
Format	Color
R_{YB}	205, 215, 231
Decimal	13491687
CIE _{Lab}	87.22, -3.39, -6.71
CIE _{LCh}	87, 7.520, 243.203
Yxy	70.4616, 0.2953, 0.3179
Android (android.graphics.Color)	4291681767 (0xFFCDDDE7)
YUV	217.3560, 6.7265, -10.8362
Hunter-Lab	83.9414, -7.7141, -1.7965

Details

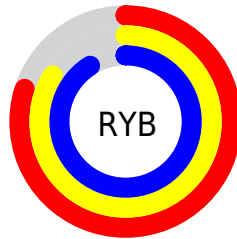
The Yxy color **70.4616, 0.2953, 0.3179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9722, 0.3315, 0.3399**, and the grayscale version is **69.6045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9469, 0.2918, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **62.8630, 0.2796, 0.3069**, and if you desaturate by 10%, it is **78.7978, 0.3108, 0.3278**.

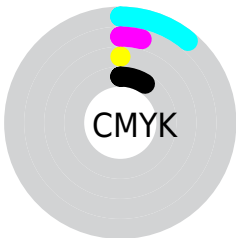
Distribution



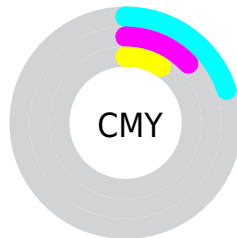
- Red (80%)
- Green (87%)
- Blue (91%)



- Red (80%)
- Yellow (84%)
- Blue (91%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4616, 0.2953, 0.3179 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 70.4616, 0.2953, 0.3179 by changing the saturation by 10% instead.

■ 70.4616, 0.2953,
0.3179

■ 70.4616, 0.2953,
0.3179

462.1691, 0.3034,
0.3231

■ 51.9029, 0.2935,
0.3167

119.8668, 0.2981,
0.3197

■ 36.9277, 0.2912,
0.3152

151.4821, 0.2992,
0.3204

■ 25.1515, 0.2883,
0.3133

188.2185, 0.3001,
0.3210

■ 16.1900, 0.2845,
0.3107

230.4602, 0.3009,
0.3216

■ 9.6587, 0.2793,
0.3073

278.5917, 0.3017,
0.3220

■ 5.1733, 0.2718,
0.3021

332.9975, 0.3023,

■ 2.3493, 0.2600,

0.3224

0.2939

394.0618, 0.3029,
0.3228

0.7996, 0.2362,
0.2788

0.0000, 0.0000,
0.0000

70.4616, 0.2953,
0.3179

70.4616, 0.2953,
0.3179

62.8630, 0.2796,
0.3069

78.7978, 0.3108,
0.3278

55.9683, 0.2640,
0.2949

87.8864, 0.3259,
0.3367

49.7538, 0.2487,
0.2818

93.9096, 0.3275,
0.3452

44.1910, 0.2344,
0.2680

98.5482, 0.3268,
0.3523

■ 39.2487, 0.2212,
0.2535

■ 34.8925, 0.2097,
0.2386

■ 31.0835, 0.2002,
0.2236

■ 27.7756, 0.1928,
0.2088

■ 25.2289, 0.1879,
0.1962

Harmonies

Analogous

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



70.4616, 0.2960, 0.3250



70.4616, 0.2953, 0.3179



70.4616, 0.2992, 0.3139

Triad

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



70.4616, 0.2953, 0.3179



70.4616, 0.3244, 0.3246



70.4616, 0.3185, 0.3446

Complementary

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



70.4616, 0.2953, 0.3179



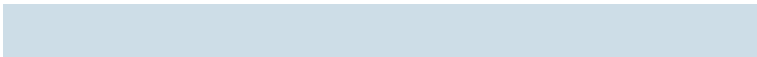
69.9722, 0.3315, 0.3399

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.



70.4616, 0.3263, 0.3443



70.4616, 0.2953, 0.3179



70.4616, 0.3298, 0.3326

Square

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



70.4616, 0.2953, 0.3179



70.4616, 0.3160, 0.3178



70.4616, 0.3304, 0.3398



70.4616, 0.3093, 0.3406

Rectangle

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



70.4616, 0.2953, 0.3179



70.4616, 0.3039, 0.3135



70.4616, 0.3304, 0.3398



70.4616, 0.3214, 0.3450

Sweetspot

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



70.4645, 0.2953, 0.3179



96.7200, 0.3081, 0.3262



75.0204, 0.3052, 0.3469



20.5175, 0.3068, 0.3254



0.0000, 0.0000, 0.0000



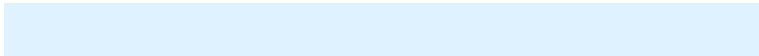
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4645, 0.2953, 0.3179



86.4001, 0.2924, 0.3160



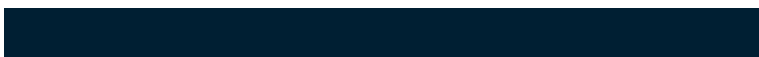
63.8699, 0.2951, 0.3032



15.3592, 0.2981, 0.3198



14.3941, 0.1885, 0.1985



1.2421, 0.1944, 0.2196

Inverse Universe

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



65.8652, 0.3211, 0.3118



79.8509, 0.3226, 0.3089



76.8487, 0.3299, 0.3536



14.5166, 0.3196, 0.3146



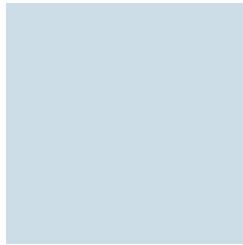
10.6508, 0.4469, 0.2236



0.8051, 0.4236, 0.2107

Previews

White Background



This preview shows how the Yxy color 70.4616, 0.2953, 0.3179 looks on a white background.

Color Contrast Check

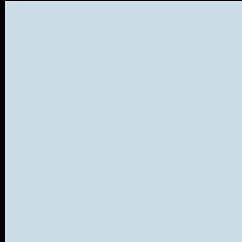
Large Text (above 18pt) WCAG AA × Fail

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 70.4616, 0.2953, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

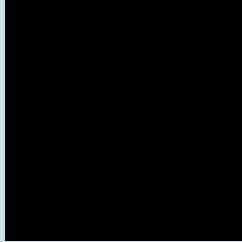
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

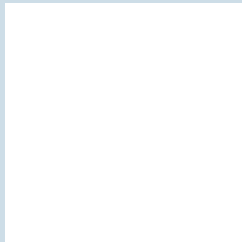
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4616, 0.2953, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 70.4616, 0.2953, 0.3179.

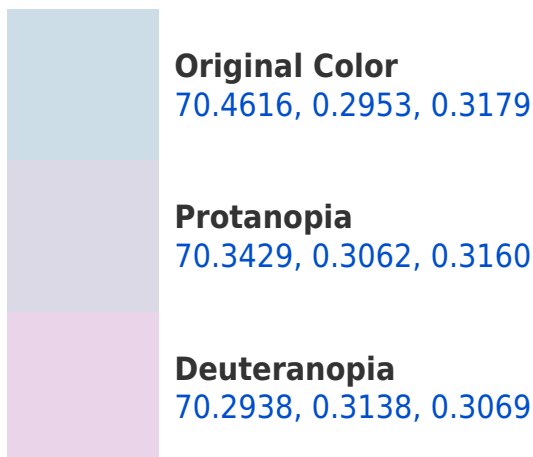


This preview shows how white text looks on a background with the Yxy color 70.4616, 0.2953, 0.3179.

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

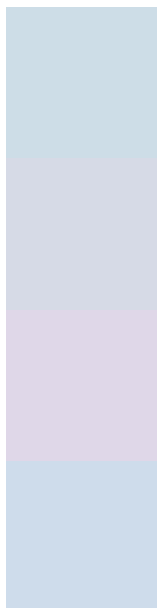




Tritanopia

70.4226, 0.2922, 0.3103

Trichromacy



Original Color

70.4616, 0.2953, 0.3179

Protanomaly

70.1521, 0.3020, 0.3158

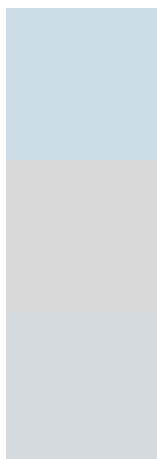
Deuteranomaly

70.1150, 0.3071, 0.3107

Tritanomaly

70.3064, 0.2935, 0.3124

Monochromacy



Original Color

70.4616, 0.2953, 0.3179

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5629, 0.3065, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4616, 0.2953, 0.3179 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, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(205, 221, 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(205, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 221, 231) }
```

Border

The CSS property to change the border of an element to Yxy 70.4616, 0.2953, 0.3179 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, 221, 231) }
```

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

```
.border{ border-color:rgb(205, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(205, 221,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4616, 0.2953, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 221, 231) }
```

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

```
.background{ background-color: rgb(205,  
221, 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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