

Converting Colors

Yxy(67.9562, 0.3035, 0.3156)

Have a look what the booklet for
Yxy(67.9562, 0.3035, 0.3156)
contains.

Yxy(67.7853, 0.3033, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.7853, 0.3033, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	D5D6E3
RGB	213, 214, 227
RGB Percent	84%, 84%, 89%
CMY	0.1648, 0.1608, 0.1097
CMYK	0.06, 0.06, 0.00, 0.11
HSL	236°, 20%, 86%
HSV	236°, 6%, 89%
XYZ	65.3505, 67.7853, 82.3292
YIQ	215.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

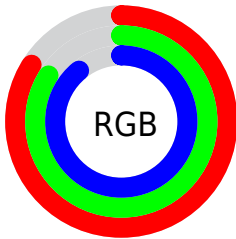
Format	Color
R _Y B	213, 214, 227
Decimal	14014179
CIE Lab	85.90, 2.09, -6.52
CIE LCh	86, 6.843, 287.754
Yxy	67.7853, 0.3033, 0.3146
Android (android.graphics.Color)	4292204259 (0xFFD5D6E3)
YUV	215.1830, 5.8258, -1.9145
Hunter-Lab	82.3318, -2.3971, -1.6558

Details

The Yxy color **67.7853, 0.3033, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5297, 0.3219, 0.3430**, and the grayscale version is **68.0484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0439, 0.3004, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **54.6551, 0.2865, 0.2888**, and if you desaturate by 10%, it is **82.7725, 0.3182, 0.3373**.

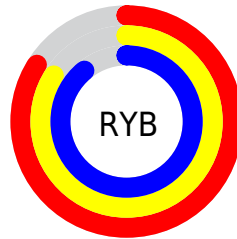
Distribution



Red (84%)

Green (84%)

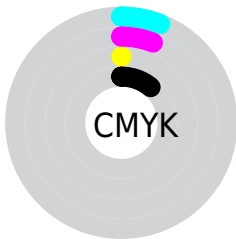
Blue (89%)



Red (84%)

Yellow (84%)

Blue (89%)

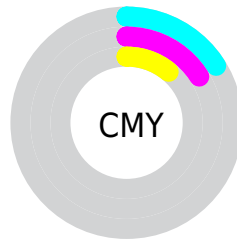


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7853, 0.3033, 0.3146 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 67.7853, 0.3033, 0.3146 by changing the saturation by 10% instead.

■ 67.7853, 0.3033,
0.3146

■ 67.7853, 0.3033,
0.3146

452.7349, 0.3077,
0.3213

■ 49.7231, 0.3023,
0.3131

116.0449, 0.3048,
0.3169

■ 35.1934, 0.3010,
0.3111

147.0112, 0.3054,
0.3179

■ 23.8119, 0.2994,
0.3087

183.0475, 0.3060,
0.3186

■ 15.1942, 0.2972,
0.3055

224.5384, 0.3064,
0.3193

■ 8.9558, 0.2942,
0.3010

271.8682, 0.3068,
0.3199

■ 4.7123, 0.2898,
0.2946

325.4213, 0.3071,

■ 2.0795, 0.2827,

0.3204

0.2843

385.5821, 0.3074,
0.3209

0.6531, 0.2680,
0.2606

0.0000, 0.0000,
0.0000

67.7853, 0.3033,
0.3146

67.7853, 0.3033,
0.3146

54.6551, 0.2865,
0.2888

82.7725, 0.3182,
0.3373

43.3012, 0.2680,
0.2598

98.3274, 0.3291,
0.3562

33.6499, 0.2480,
0.2282

25.6190, 0.2271,
0.1947

■ 19.1195, 0.2065,
0.1610

■ 14.0538, 0.1874,
0.1292

■ 10.3129, 0.1713,
0.1016

■ 7.7721, 0.1596,
0.0805

■ 6.2824, 0.1527,
0.0670

Harmonies

Analogous

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



67.7853, 0.2979, 0.3166



67.7853, 0.3033, 0.3146



67.7853, 0.3113, 0.3164

Triad

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



67.7853, 0.3033, 0.3146



67.7853, 0.3293, 0.3358



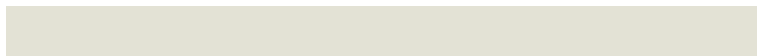
67.7853, 0.3056, 0.3367

Complementary

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



67.7853, 0.3033, 0.3146



75.5297, 0.3219, 0.3430

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.



67.7853, 0.3140, 0.3421



67.7853, 0.3033, 0.3146



67.7853, 0.3277, 0.3414

Square

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



67.7853, 0.3033, 0.3146



67.7853, 0.3264, 0.3285



67.7853, 0.3221, 0.3438



67.7853, 0.2992, 0.3293

Rectangle

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



67.7853, 0.3033, 0.3146



67.7853, 0.3170, 0.3195



67.7853, 0.3221, 0.3438



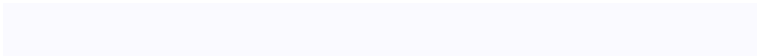
67.7853, 0.3083, 0.3388

Sweetspot

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



67.7882, 0.3033, 0.3146



96.0664, 0.3097, 0.3244



74.5779, 0.3039, 0.3303



20.6034, 0.3099, 0.3247



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.



67.7882, 0.3033, 0.3146



86.6645, 0.3019, 0.3125



68.1610, 0.3075, 0.3137



14.6277, 0.3011, 0.3112



3.5235, 0.1513, 0.0648



0.3199, 0.1549, 0.0777

Inverse Universe

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



68.7698, 0.3224, 0.3279



88.1151, 0.3239, 0.3278



75.1541, 0.3177, 0.3443



14.8932, 0.3248, 0.3277



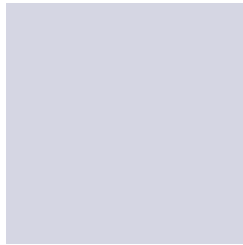
9.5534, 0.6320, 0.3255



0.7120, 0.6107, 0.3138

Previews

White Background



This preview shows how the Yxy color 67.7853, 0.3033, 0.3146 looks on a white background.

Color Contrast Check

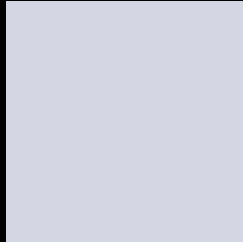
Large Text (above 18pt) WCAG AA × Fail

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 67.7853, 0.3033, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

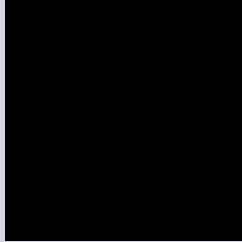
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

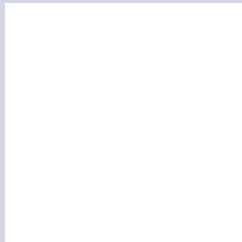
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7853, 0.3033, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 67.7853, 0.3033, 0.3146.

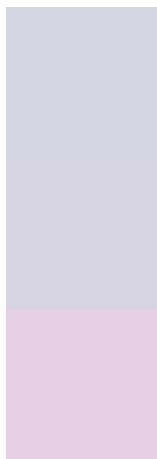


This preview shows how white text looks on a background with the Yxy color 67.7853, 0.3033, 0.3146.

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

67.7853, 0.3033, 0.3146

Protanopia

67.5816, 0.3048, 0.3136

Deuteranopia

67.3712, 0.3145, 0.3076



Tritanopia

67.5978, 0.3021, 0.3103

Trichromacy



Original Color

67.7853, 0.3033, 0.3146

Protanomaly

67.4307, 0.3041, 0.3135

Deuteranomaly

67.3826, 0.3100, 0.3095

Tritanomaly

67.5418, 0.3027, 0.3114

Monochromacy



Original Color

67.7853, 0.3033, 0.3146

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0115, 0.3093, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7853, 0.3033, 0.3146 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, 214, 227)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 227)  
}
```

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, 214, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 227) }
```

Border

The CSS property to change the border of an element to Yxy 67.7853, 0.3033, 0.3146 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, 214, 227) }
```

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

```
.border{ border-color:rgb(213, 214, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 227);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7853, 0.3033, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 227) }
```

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

```
.background{ background-color: rgb(213,  
214, 227) }
```

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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