

Converting Colors

Yxy(67.7743, 0.2927, 0.3191)

Have a look what the booklet for
Yxy(67.7743, 0.2927, 0.3191)
contains.

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Color

Yxy(67.6946, 0.2930, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	C6DAE3
RGB	198, 218, 227
RGB Percent	78%, 85%, 89%
CMY	0.2234, 0.1451, 0.1097
CMYK	0.13, 0.04, 0.00, 0.11
HSL	199°, 34%, 83%
HSV	199°, 13%, 89%
XYZ	62.2357, 67.6946, 82.4782
YIQ	213.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

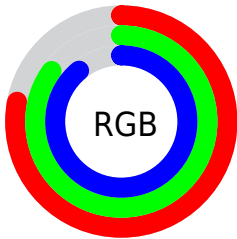
Format	Color
R _Y B	198, 210, 227
Decimal	13032163
CIE Lab	85.85, -4.84, -6.71
CIE LCh	86, 8.272, 234.162
Yxy	67.6946, 0.2930, 0.3187
Android (android.graphics.Color)	4291222243 (0xFFC6DAE3)
YUV	213.0460, 6.8793, -13.1953
Hunter-Lab	82.2767, -8.9634, -1.8415

Details

The Yxy color **67.6946, 0.2930, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0774, 0.3346, 0.3391**, and the grayscale version is **66.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1022, 0.2880, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **61.2469, 0.2776, 0.3097**, and if you desaturate by 10%, it is **74.7671, 0.3085, 0.3269**.

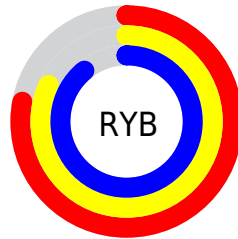
Distribution



Red (78%)

Green (85%)

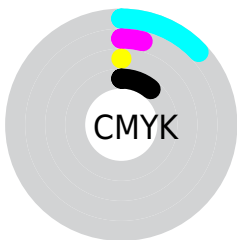
Blue (89%)



Red (78%)

Yellow (82%)

Blue (89%)

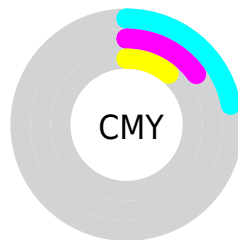


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (22%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6946, 0.2930, 0.3187 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 67.6946, 0.2930, 0.3187 by changing the saturation by 10% instead.

■ 67.6946, 0.2930,
0.3187

■ 67.6946, 0.2930,
0.3187

452.4132, 0.3022,
0.3236

■ 49.6493, 0.2909,
0.3176

115.9151, 0.2962,
0.3204

■ 35.1348, 0.2883,
0.3161

146.8592, 0.2974,
0.3211

■ 23.7668, 0.2849,
0.3143

182.8716, 0.2985,
0.3217

■ 15.1607, 0.2805,
0.3118

224.3368, 0.2994,
0.3221

■ 8.9322, 0.2745,
0.3084

271.6392, 0.3003,
0.3226

■ 4.6970, 0.2656,
0.3033

325.1631, 0.3010,

■ 2.0706, 0.2516,

0.3230

0.2948

385.2930, 0.3016,
0.3233

0.6480, 0.2131,
0.2774

0.0000, 0.0000,
0.0000

67.6946, 0.2930,
0.3187

67.6946, 0.2930,
0.3187

61.2469, 0.2776,
0.3097

74.7671, 0.3085,
0.3269

55.3931, 0.2625,
0.2999

82.4771, 0.3237,
0.3342

50.1120, 0.2481,
0.2893

88.6712, 0.3309,
0.3411

45.3776, 0.2348,
0.2782

92.9017, 0.3301,
0.3479

■ 41.1617, 0.2229,
0.2666

■ 97.2964, 0.3293,
0.3546

■ 37.4325, 0.2128,
0.2547

■ 98.3276, 0.3291,
0.3562

■ 34.1539, 0.2046,
0.2427

■ 31.2826, 0.1985,
0.2309

■ 29.4110, 0.1951,
0.2224

Harmonies

Analogous

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



67.6946, 0.2953, 0.3273



67.6946, 0.2930, 0.3187



67.6946, 0.2959, 0.3131

Triad

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



67.6946, 0.2930, 0.3187



67.6946, 0.3232, 0.3216



67.6946, 0.3221, 0.3469

Complementary

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



67.6946, 0.2930, 0.3187



65.0774, 0.3346, 0.3391

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.



67.6946, 0.3298, 0.3450



67.6946, 0.2930, 0.3187



67.6946, 0.3304, 0.3303

Square

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



67.6946, 0.2930, 0.3187



67.6946, 0.3132, 0.3148



67.6946, 0.3329, 0.3389



67.6946, 0.3120, 0.3438

Rectangle

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



67.6946, 0.2930, 0.3187



67.6946, 0.3003, 0.3117



67.6946, 0.3329, 0.3389



67.6946, 0.3251, 0.3468

Sweetspot

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



67.6974, 0.2930, 0.3187



96.1046, 0.3065, 0.3259



71.4568, 0.3057, 0.3523



20.4168, 0.3054, 0.3253



0.0000, 0.0000, 0.0000



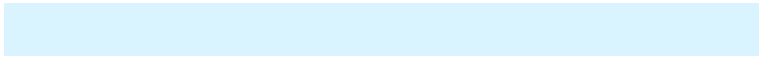
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6974, 0.2930, 0.3187



86.0804, 0.2894, 0.3167



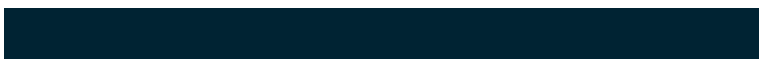
60.6677, 0.2926, 0.3023



15.5386, 0.2981, 0.3215



17.3649, 0.1956, 0.2242



1.4471, 0.2004, 0.2413

Inverse Universe

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



61.8037, 0.3208, 0.3072



77.2326, 0.3225, 0.3031



72.2491, 0.3326, 0.3544



14.5347, 0.3185, 0.3130



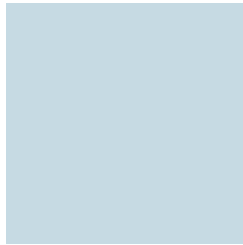
10.9507, 0.4187, 0.2080



0.8258, 0.4010, 0.1982

Previews

White Background



This preview shows how the Yxy color 67.6946, 0.2930, 0.3187 looks on a white background.

Color Contrast Check

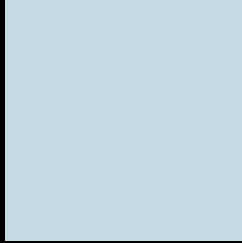
Large Text (above 18pt) WCAG AA × Fail

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 67.6946, 0.2930, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

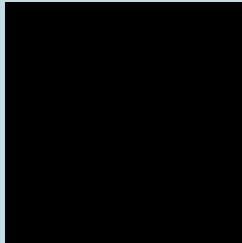
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

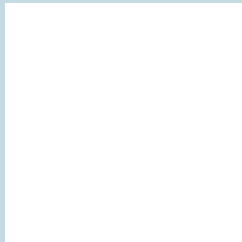
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6946, 0.2930, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 67.6946, 0.2930, 0.3187.



This preview shows how white text looks on a background with the Yxy color 67.6946, 0.2930, 0.3187.

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

67.6946, 0.2930, 0.3187

Protanopia

67.4174, 0.3068, 0.3168

Deuteranopia

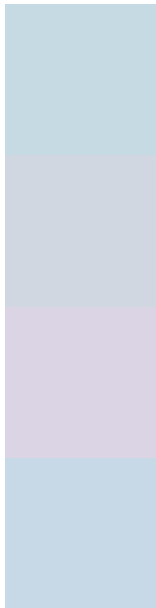
67.4269, 0.3138, 0.3066



Tritanopia

67.7083, 0.2893, 0.3099

Trichromacy



Original Color

67.6946, 0.2930, 0.3187

Protanomaly

67.5924, 0.3018, 0.3178

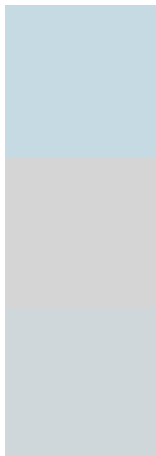
Deuteranomaly

67.5938, 0.3063, 0.3115

Tritanomaly

67.5373, 0.2912, 0.3132

Monochromacy



Original Color

67.6946, 0.2930, 0.3187

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0727, 0.3057, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6946, 0.2930, 0.3187 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(198, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 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(198, 218, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 67.6946, 0.2930, 0.3187 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(198, 218, 227) }
```

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

```
.border{ border-color:rgb(198, 218, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6946, 0.2930, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 227) }
```

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

```
.background{ background-color: rgb(198,  
218, 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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