

Converting Colors

Yxy(67.1329, 0.2939, 0.3246)

Have a look what the booklet for
Yxy(67.1329, 0.2939, 0.3246)
contains.

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Color

Yxy(67.0188, 0.2941, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	C3DADE
RGB	195, 218, 222
RGB Percent	76%, 85%, 87%
CMY	0.2353, 0.1451, 0.1295
CMYK	0.12, 0.02, 0.00, 0.13
HSL	189°, 29%, 82%
HSV	189°, 12%, 87%
XYZ	60.7590, 67.0188, 78.8153
YIQ	211.5790, -14.9920, -3.6320

Conversions

Conversions Part 2

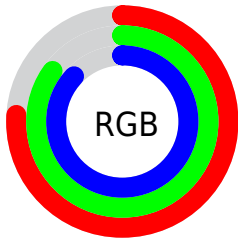
Format	Color
RYB	195, 207, 222
Decimal	12835550
CIELab	85.51, -6.84, -4.55
CIELCh	86, 8.215, 213.649
Yxy	67.0188, 0.2941, 0.3244
Android (android.graphics.Color)	4291025630 (0xFFC3DADE)
YUV	211.5790, 5.1376, -14.5398
Hunter-Lab	81.8650, -10.7836, 0.2243

Details

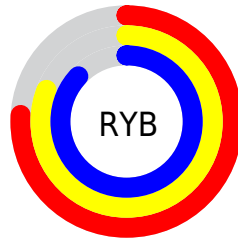
The Yxy color **67.0188, 0.2941, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2956, 0.3340, 0.3336**, and the grayscale version is **65.5181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **34.6471, 0.2894, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **62.6074, 0.2793, 0.3202**, and if you desaturate by 10%, it is **71.9086, 0.3094, 0.3282**.

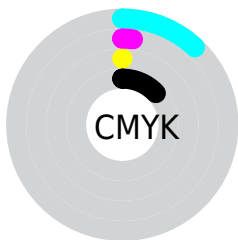
Distribution



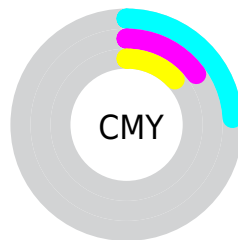
- Red (76%)
- Green (85%)
- Blue (87%)



- Red (76%)
- Yellow (81%)
- Blue (87%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.0188, 0.2941, 0.3244 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 67.0188, 0.2941, 0.3244 by changing the saturation by 10% instead.

■ 67.0188, 0.2941,
0.3244

■ 67.0188, 0.2941,
0.3244

■ 450.0117, 0.3028,
0.3266

■ 49.0999, 0.2921,
0.3239

■ 114.9473, 0.2971,
0.3252

■ 34.6987, 0.2896,
0.3232

■ 145.7258, 0.2983,
0.3255

■ 23.4309, 0.2864,
0.3223

■ 181.5595, 0.2993,
0.3258

■ 14.9120, 0.2822,
0.3211

■ 222.8330, 0.3002,
0.3260

■ 8.7577, 0.2764,
0.3195

■ 269.9305, 0.3010,
0.3262

■ 4.5834, 0.2680,
0.3169

■ 323.2366, 0.3017,

■ 2.0050, 0.2544,

0.3263

383.1355, 0.3023,
0.3265

0.3125

0.6104, 0.2059,
0.3042

0.0000, 0.0000,
0.0000

67.0188, 0.2941,
0.3244

67.0188, 0.2941,
0.3244

62.6074, 0.2793,
0.3202

71.9086, 0.3094,
0.3282

58.6464, 0.2654,
0.3157

77.2866, 0.3249,
0.3317

55.1176, 0.2525,
0.3110

81.9002, 0.3357,
0.3349

51.9985, 0.2411,
0.3060

83.7081, 0.3353,
0.3381

■ 49.2639, 0.2314,
0.3008

■ 85.5500, 0.3348,
0.3413

■ 46.8861, 0.2235,
0.2956

■ 87.4260, 0.3344,
0.3445

■ 44.8329, 0.2176,
0.2904

■ 89.3364, 0.3340,
0.3477

■ 43.0658, 0.2136,
0.2852

■ 91.2812, 0.3336,
0.3508

■ 41.8286, 0.2114,
0.2811

■ 93.2608, 0.3331,
0.3539

Harmonies

Analogous

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



67.0188, 0.2997, 0.3337



67.0188, 0.2941, 0.3244



67.0188, 0.2934, 0.3166

Triad

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



67.0188, 0.2941, 0.3244



67.0188, 0.3165, 0.3167



67.0188, 0.3277, 0.3460

Complementary

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



67.0188, 0.2941, 0.3244



60.2956, 0.3340, 0.3336

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.



67.0188, 0.3324, 0.3411



67.0188, 0.2941, 0.3244



67.0188, 0.3258, 0.3243

Square

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



67.0188, 0.2941, 0.3244



67.0188, 0.3062, 0.3123



67.0188, 0.3317, 0.3331



67.0188, 0.3190, 0.3464

Rectangle

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



67.0188, 0.2941, 0.3244



67.0188, 0.2958, 0.3132



67.0188, 0.3317, 0.3331



67.0188, 0.3298, 0.3448

Sweetspot

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



67.0216, 0.2941, 0.3244



97.1647, 0.3065, 0.3275



67.9322, 0.3089, 0.3564



20.6857, 0.3053, 0.3273



0.0000, 0.0000, 0.0000



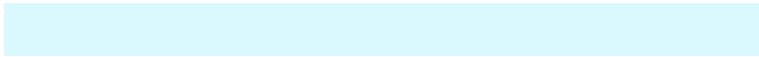
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0216, 0.2941, 0.3244



89.9223, 0.2896, 0.3232



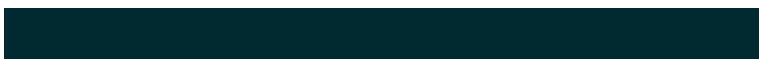
60.4861, 0.2938, 0.3091



15.2113, 0.2982, 0.3255



24.9823, 0.2116, 0.2819



1.8264, 0.2139, 0.2899

Inverse Universe

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



59.6200, 0.3170, 0.3035



77.6205, 0.3182, 0.2970



66.5919, 0.3322, 0.3482



13.8992, 0.3160, 0.3092



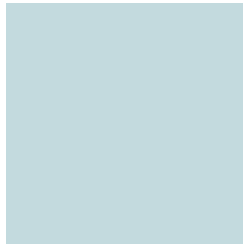
11.4300, 0.3617, 0.1766



0.8018, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 67.0188, 0.2941, 0.3244 looks on a white background.

Color Contrast Check

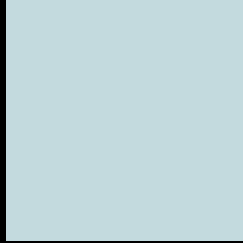
Large Text (above 18pt) WCAG AA × Fail

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 67.0188, 0.2941, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

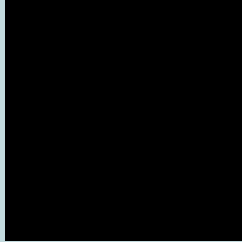
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

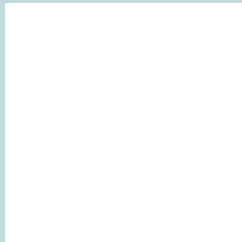
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0188, 0.2941, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 67.0188, 0.2941, 0.3244.



This preview shows how white text looks on a background with the Yxy color 67.0188, 0.2941, 0.3244.

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

67.0188, 0.2941, 0.3244

Protanopia

66.8004, 0.3109, 0.3212

Deuteranopia

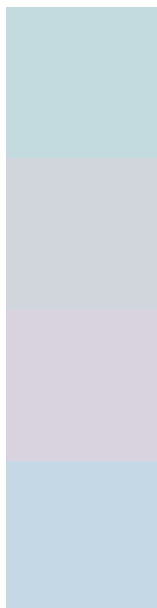
66.6655, 0.3173, 0.3107



Tritanopia

66.8652, 0.2886, 0.3097

Trichromacy



Original Color

67.0188, 0.2941, 0.3244

Protanomaly

66.6703, 0.3044, 0.3222

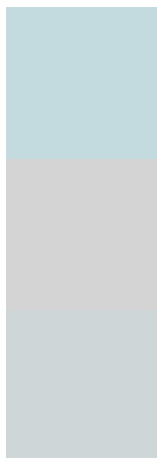
Deuteranomaly

66.6680, 0.3089, 0.3158

Tritanomaly

67.0186, 0.2904, 0.3153

Monochromacy



Original Color

67.0188, 0.2941, 0.3244

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1728, 0.3056, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0188, 0.2941, 0.3244 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(195, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 222)  
}
```

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(195, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 222) }
```

Border

The CSS property to change the border of an element to Yxy 67.0188, 0.2941, 0.3244 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(195, 218, 222) }
```

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

```
.border{ border-color:rgb(195, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 218, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 218, 222); box-shadow:4px 4px 4px 4px rgb(195, 218, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0188, 0.2941, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 222) }
```

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

```
.background{ background-color: rgb(195,  
218, 222) }
```

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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