

Converting Colors

$Yxy(68.7555, 0.2974, 0.3283)$

Have a look what the booklet for
Yxy(68.7555, 0.2974, 0.3283)
contains.

Yxy(68.5490, 0.2974, 0.3278)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.5490, 0.2974, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C7DCDD
RGB	199, 220, 221
RGB Percent	78%, 86%, 87%
CMY	0.2198, 0.1372, 0.1332
CMYK	0.10, 0.00, 0.00, 0.13
HSL	183°, 25%, 82%
HSV	183°, 10%, 87%
XYZ	62.1918, 68.5490, 78.3776
YIQ	213.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

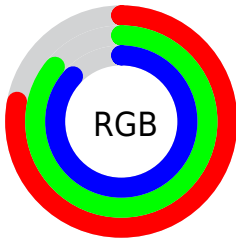
Format	Color
RYB	199, 210, 221
Decimal	13098205
CIELab	86.28, -6.78, -2.90
CIElCh	86, 7.377, 203.123
Yxy	68.5490, 0.2974, 0.3278
Android (android.graphics.Color)	4291288285 (0xFFC7DCDD)
YUV	213.8350, 3.5323, -13.0103
Hunter-Lab	82.7943, -10.8080, 1.8289

Details

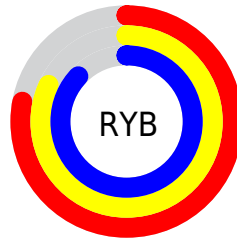
The Yxy color **68.5490, 0.2974, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7937, 0.3301, 0.3302**, and the grayscale version is **67.1089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6832, 0.2938, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **65.2145, 0.2828, 0.3265**, and if you desaturate by 10%, it is **72.3315, 0.3127, 0.3290**.

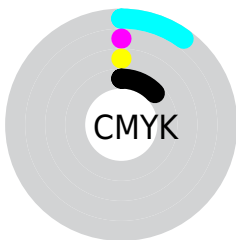
Distribution



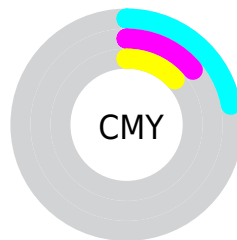
- Red (78%)
- Green (86%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5490, 0.2974, 0.3278 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 68.5490, 0.2974, 0.3278 by changing the saturation by 10% instead.

■ 68.5490, 0.2974,
0.3278

■ 68.5490, 0.2974,
0.3278

455.4387, 0.3045,
0.3284

■ 50.3445, 0.2958,
0.3276

117.1372, 0.2999,
0.3280

■ 35.6872, 0.2937,
0.3275

148.2897, 0.3009,
0.3281

■ 24.1927, 0.2911,
0.3272

184.5269, 0.3017,
0.3282

■ 15.4766, 0.2877,
0.3268

226.2333, 0.3024,
0.3282

■ 9.1546, 0.2830,
0.3263

273.7933, 0.3030,
0.3283

■ 4.8421, 0.2761,
0.3255

327.5913, 0.3036,

■ 2.1549, 0.2651,

0.3283

388.0116, 0.3041,
0.3284

0.3240

0.6953, 0.2303,
0.3234

0.0000, 0.0000,
0.0000

68.5490, 0.2974,
0.3278

68.5490, 0.2974,
0.3278

65.2145, 0.2828,
0.3265

72.3315, 0.3127,
0.3290

62.3006, 0.2692,
0.3251

76.5712, 0.3285,
0.3301

59.7899, 0.2570,
0.3237

79.2881, 0.3370,
0.3311

57.6606, 0.2464,
0.3221

79.8322, 0.3369,
0.3321

■ 55.8886, 0.2375,
0.3206

■ 80.3795, 0.3367,
0.3331

■ 54.4472, 0.2306,
0.3190

■ 80.9301, 0.3366,
0.3341

■ 53.3060, 0.2256,
0.3175

■ 81.4839, 0.3364,
0.3352

■ 52.4287, 0.2224,
0.3160

■ 82.0411, 0.3363,
0.3362

■ 51.7514, 0.2207,
0.3145

■ 82.6015, 0.3362,
0.3372

Harmonies

Analogous

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



68.5490, 0.3037, 0.3360



68.5490, 0.2974, 0.3278



68.5490, 0.2952, 0.3201

Triad

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



68.5490, 0.2974, 0.3278



68.5490, 0.3128, 0.3162



68.5490, 0.3280, 0.3431

Complementary

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



68.5490, 0.2974, 0.3278



60.7937, 0.3301, 0.3302

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.



68.5490, 0.3306, 0.3375



68.5490, 0.2974, 0.3278



68.5490, 0.3217, 0.3222

Square

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



68.5490, 0.2974, 0.3278



68.5490, 0.3040, 0.3136



68.5490, 0.3283, 0.3299



68.5490, 0.3214, 0.3449

Rectangle

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



68.5490, 0.2974, 0.3278



68.5490, 0.2963, 0.3163



68.5490, 0.3283, 0.3299



68.5490, 0.3294, 0.3416

Sweetspot

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



68.5519, 0.2974, 0.3278



98.3540, 0.3080, 0.3286



68.0194, 0.3110, 0.3538



20.9597, 0.3068, 0.3286



0.0000, 0.0000, 0.0000



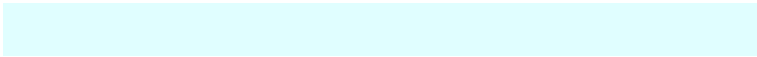
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5519, 0.2974, 0.3278



93.7582, 0.2942, 0.3275



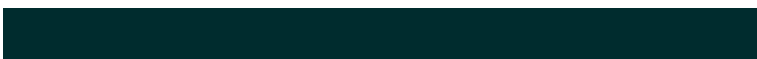
63.0857, 0.2973, 0.3154



14.7217, 0.2982, 0.3279



30.1016, 0.2208, 0.3147



1.9824, 0.2214, 0.3172

Inverse Universe

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



61.3724, 0.3146, 0.3057



81.9164, 0.3150, 0.3007



65.9517, 0.3288, 0.3422



13.2640, 0.3145, 0.3070



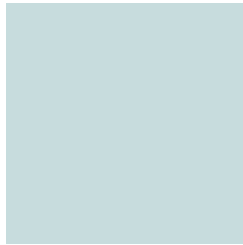
11.6625, 0.3327, 0.1606



0.7588, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 68.5490, 0.2974, 0.3278 looks on a white background.

Color Contrast Check

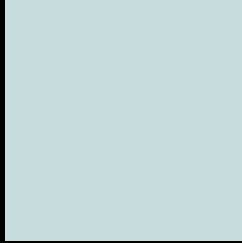
Large Text (above 18pt) WCAG AA × Fail

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 68.5490, 0.2974, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

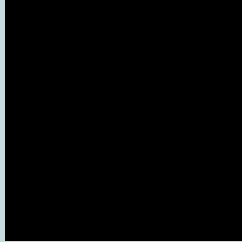
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

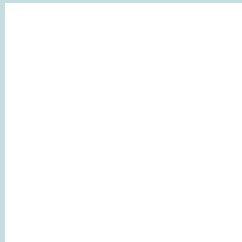
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5490, 0.2974, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 68.5490, 0.2974, 0.3278.

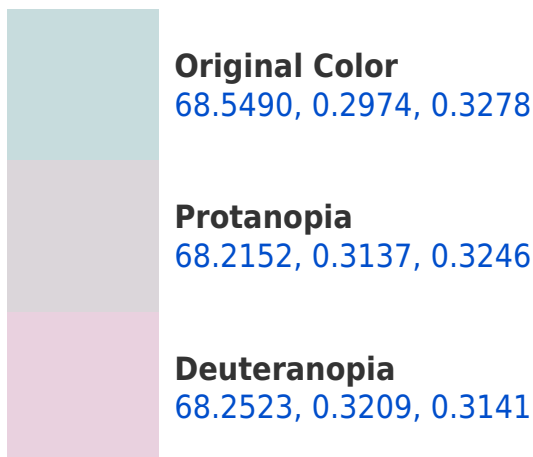


This preview shows how white text looks on a background with the Yxy color 68.5490, 0.2974, 0.3278.

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

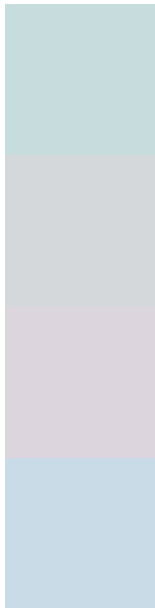




Tritanopia

68.5585, 0.2901, 0.3100

Trichromacy



Original Color

68.5490, 0.2974, 0.3278

Protanomaly

68.2233, 0.3078, 0.3256

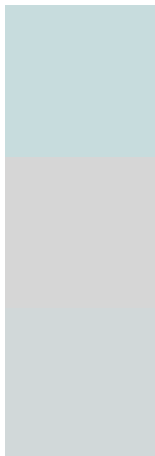
Deuteranomaly

68.2346, 0.3124, 0.3192

Tritanomaly

68.6556, 0.2925, 0.3166

Monochromacy



Original Color

68.5490, 0.2974, 0.3278

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.6768, 0.3070, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5490, 0.2974, 0.3278 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(199, 220, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 220, 221)  
}
```

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(199, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 220, 221) }
```

Border

The CSS property to change the border of an element to Yxy 68.5490, 0.2974, 0.3278 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(199, 220, 221) }
```

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

```
.border{ border-color:rgb(199, 220, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 220, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 220,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5490, 0.2974, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 220, 221) }
```

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

```
.background{ background-color: rgb(199,  
220, 221) }
```

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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