

Converting Colors

Yxy(84.5988, 0.2916, 0.3262)

Have a look what the booklet for
Yxy(84.5988, 0.2916, 0.3262)
contains.

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Color

Yxy(84.6908, 0.2921, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D4F3F5
RGB	212, 243, 245
RGB Percent	83%, 95%, 96%
CMY	0.1684, 0.0471, 0.0391
CMYK	0.13, 0.01, 0.00, 0.04
HSL	184°, 62%, 90%
HSV	184°, 13%, 96%
XYZ	75.6982, 84.6908, 98.7627
YIQ	233.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

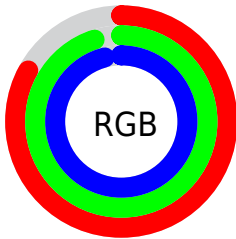
Format	Color
R_{YB}	212, 228, 245
Decimal	13956085
CIE _{Lab}	93.75, -9.59, -4.38
CIE _{LCh}	94, 10.543, 204.530
Yxy	84.6908, 0.2921, 0.3268
Android (android.graphics.Color)	4292146165 (0xFFD4F3F5)
YUV	233.9590, 5.4432, -19.2580
Hunter-Lab	92.0276, -14.2213, 0.7901

Details

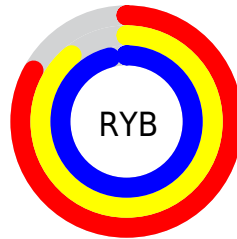
The Yxy color **84.6908, 0.2921, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.3146, 0.3372, 0.3312**, and the grayscale version is **82.2257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3829, 0.2874, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **80.4213, 0.2777, 0.3250**, and if you desaturate by 10%, it is **89.5274, 0.3073, 0.3285**.

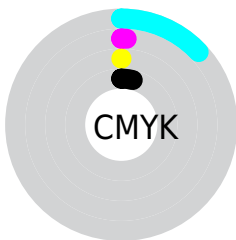
Distribution



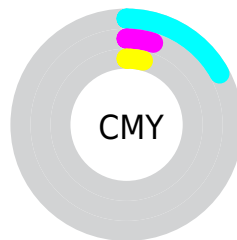
- Red (83%)
- Green (95%)
- Blue (96%)



- Red (83%)
- Yellow (89%)
- Blue (96%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)





- Cyan (17%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.6908, 0.2921, 0.3268 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 84.6908, 0.2921, 0.3268 by changing the saturation by 10% instead.


 84.6908, 0.2921,
0.3268

 84.6908, 0.2921,
0.3268


510.6044, 0.3013,
0.3279

 63.5859, 0.2901,
0.3265

139.9411, 0.2952,
0.3272

 46.3154, 0.2876,
0.3262


174.8553, 0.2965,
0.3273

 32.4948, 0.2845,
0.3258


215.1414, 0.2976,
0.3275

 21.7397, 0.2805,
0.3253

261.1838, 0.2985,
0.3276

 13.6658, 0.2752,
0.3245

313.3670, 0.2993,
0.3277

 7.8886, 0.2679,
0.3233

372.0751, 0.3001,

 4.0237, 0.2571,

0.3277

437.6928, 0.3007,
0.3278

0.3215

1.6868, 0.2394,
0.3180

0.4151, 0.1203,
0.3113

84.6908, 0.2921,
0.3268

84.6908, 0.2921,
0.3268

80.4213, 0.2777,
0.3250

89.5274, 0.3073,
0.3285

76.6835, 0.2644,
0.3231

93.7758, 0.3191,
0.3300

73.4543, 0.2525,
0.3211

94.7006, 0.3190,
0.3314

70.7046, 0.2423,
0.3190

95.6329, 0.3189,
0.3329

68.4022, 0.2339,
0.3169

96.5728, 0.3188,
0.3343

66.5113, 0.2275,
0.3148

97.5203, 0.3187,
0.3358

64.9902, 0.2230,
0.3127

98.4753, 0.3186,
0.3372

63.7881, 0.2203,
0.3106

99.3741, 0.3185,
0.3386

63.1249, 0.2193,
0.3093

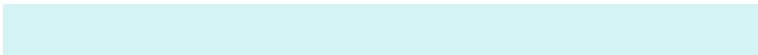
Harmonies

Analogous

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



84.6908, 0.3002, 0.3378



84.6908, 0.2921, 0.3268



84.6908, 0.2894, 0.3167

Triad

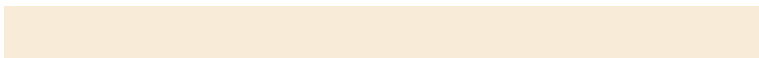
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6908, 0.2921, 0.3268



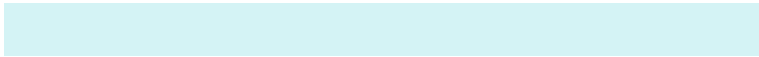
84.6908, 0.3134, 0.3124



84.6908, 0.3328, 0.3479

Complementary

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



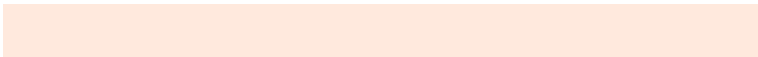
84.6908, 0.2921, 0.3268



72.3146, 0.3372, 0.3312

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.



84.6908, 0.3366, 0.3407



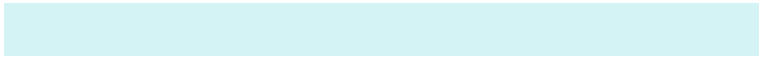
84.6908, 0.2921, 0.3268



84.6908, 0.3252, 0.3204

Square

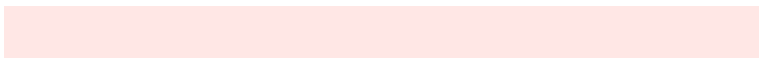
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6908, 0.2921, 0.3268



84.6908, 0.3016, 0.3086



84.6908, 0.3338, 0.3306



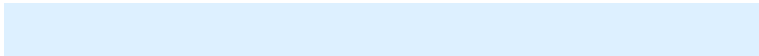
84.6908, 0.3237, 0.3502

Rectangle

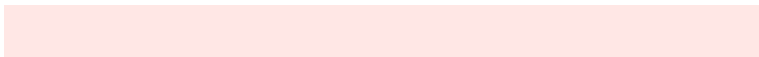
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



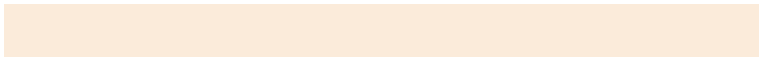
84.6908, 0.2921, 0.3268



84.6908, 0.2911, 0.3118



84.6908, 0.3338, 0.3306



84.6908, 0.3348, 0.3460

Sweetspot

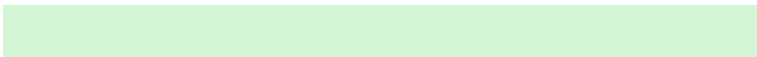
The Sweet Spot groups the original color and five complimentary colors.



84.6943, 0.2921, 0.3268



97.7151, 0.3065, 0.3284



84.1661, 0.3101, 0.3628



20.8255, 0.3053, 0.3283



0.0000, 0.0000, 0.0000



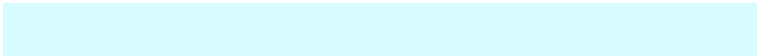
21.4041, 0.3127, 0.3290

Same Dimension

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



84.6943, 0.2921, 0.3268



91.4684, 0.2883, 0.3264



75.4797, 0.2916, 0.3096



18.5721, 0.2981, 0.3275



34.0750, 0.2193, 0.3096



3.0470, 0.2201, 0.3122

Inverse Universe

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



73.0034, 0.3157, 0.2977



76.5131, 0.3163, 0.2916



80.8730, 0.3349, 0.3477



16.7496, 0.3147, 0.3071



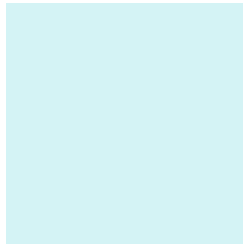
13.5393, 0.3370, 0.1630



1.1952, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 84.6908, 0.2921, 0.3268 looks on a white background.

Color Contrast Check

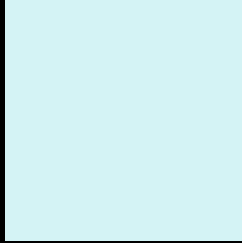
Large Text (above 18pt) WCAG AA × Fail

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 84.6908, 0.2921, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

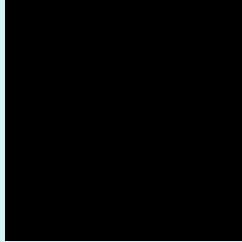
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

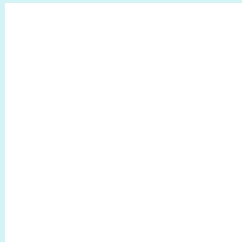
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.6908, 0.2921, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 84.6908, 0.2921, 0.3268.

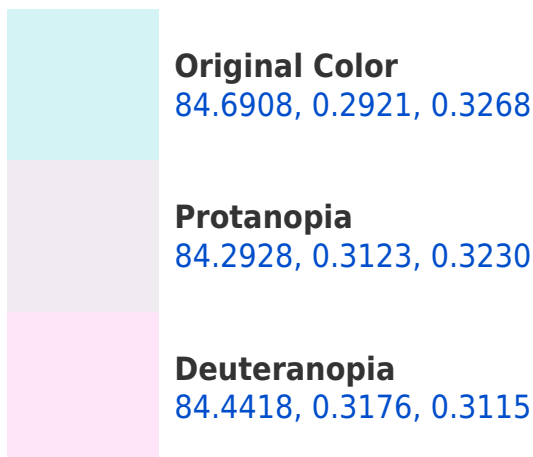


This preview shows how white text looks on a background with the Yxy color 84.6908, 0.2921, 0.3268.

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

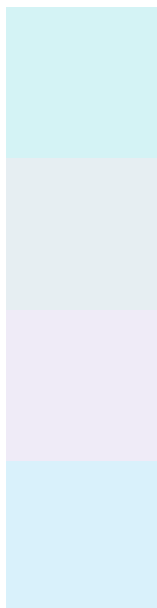




Tritanopia

84.7558, 0.2913, 0.3136

Trichromacy



Original Color

84.6908, 0.2921, 0.3268

Protanomaly

84.3829, 0.3051, 0.3249

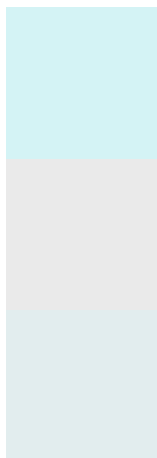
Deuteranomaly

84.4828, 0.3080, 0.3169

Tritanomaly

84.6273, 0.2917, 0.3186

Monochromacy



Original Color

84.6908, 0.2921, 0.3268

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.9102, 0.3049, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6908, 0.2921, 0.3268 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(212, 243, 245)` looks like.

```
.text, #text, p{  
    color:rgb(212, 243, 245)  
}
```

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(212, 243, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 243, 245) }
```

Border

The CSS property to change the border of an element to Yxy 84.6908, 0.2921, 0.3268 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(212, 243, 245) }
```

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

```
.border{ border-color:rgb(212, 243, 245) }
```

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

Here you see how a box with a 4 pixel rgb(212, 243, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 243, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 243, 245);  
box-shadow:4px 4px 4px 4px rgb(212, 243,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6908, 0.2921, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 243, 245) }
```

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

```
.background{ background-color: rgb(212,  
243, 245) }
```

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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