

Converting Colors

$Yxy(84.6967, 0.2858, 0.3268)$

Have a look what the booklet for
Yxy(84.6967, 0.2858, 0.3268)
contains.

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Color

Yxy(84.7167, 0.2857, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	CBF5F7
RGB	203, 245, 247
RGB Percent	80%, 96%, 97%
CMY	0.2041, 0.0392, 0.0313
CMYK	0.18, 0.01, 0.00, 0.03
HSL	183°, 73%, 88%
HSV	183°, 18%, 97%
XYZ	74.0623, 84.7167, 100.4520
YIQ	232.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

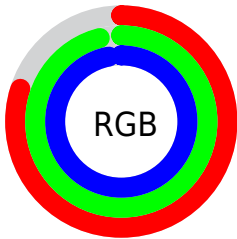
Format	Color
R _Y B	203, 224, 247
Decimal	13366775
CIE Lab	93.76, -13.00, -5.46
CIE LCh	94, 14.101, 202.761
Yxy	84.7167, 0.2857, 0.3268
Android (android.graphics.Color)	4291556855 (0xFFC _B F5F7)
YUV	232.6700, 7.0647, -26.0206
Hunter-Lab	92.0417, -17.4410, -0.2785

Details

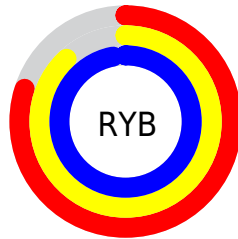
The Yxy color **84.7167, 0.2857, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7291, 0.3470, 0.3312**, and the grayscale version is **81.1822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4527, 0.2795, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **80.8490, 0.2718, 0.3254**, and if you desaturate by 10%, it is **89.1479, 0.3006, 0.3281**.

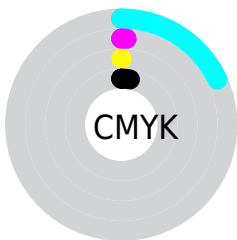
Distribution



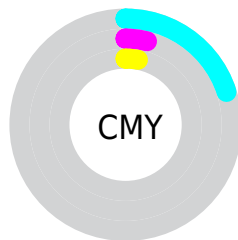
- Red (80%)
- Green (96%)
- Blue (97%)



- Red (80%)
- Yellow (88%)
- Blue (97%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)




- Cyan (20%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.7167, 0.2857, 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 84.7167, 0.2857, 0.3268 by changing the saturation by 10% instead.

 84.7167, 0.2857,
0.3268

 84.7167, 0.2857,
0.3268

510.6902, 0.2978,
0.3279

 63.6073, 0.2830,
0.3265

139.9773, 0.2898,
0.3272

 46.3327, 0.2798,
0.3262

174.8973, 0.2914,
0.3274

 32.5084, 0.2758,
0.3257


215.1896, 0.2928,
0.3275

 21.7502, 0.2706,
0.3251

261.2387, 0.2941,
0.3276

 13.6734, 0.2638,
0.3242

313.4289, 0.2952,
0.3277

 7.8939, 0.2543,
0.3228

372.1446, 0.2961,

 4.0271, 0.2404,

0.3278

437.7702, 0.2970,
0.3279

0.3205

1.6887, 0.2180,
0.3160

0.4164, 0.0589,
0.3132

84.7167, 0.2857,
0.3268

84.7167, 0.2857,
0.3268

80.8490, 0.2718,
0.3254

89.1479, 0.3006,
0.3281

77.5083, 0.2592,
0.3240

94.1565, 0.3161,
0.3292

74.6699, 0.2482,
0.3225

95.3414, 0.3178,
0.3303

72.3027, 0.2390,
0.3210

96.0337, 0.3177,
0.3314

70.3726, 0.2317,
0.3194

96.7301, 0.3176,
0.3325

68.8407, 0.2263,
0.3179

97.4307, 0.3175,
0.3335

67.6608, 0.2228,
0.3164

98.1354, 0.3175,
0.3346

66.7712, 0.2210,
0.3149

98.8443, 0.3174,
0.3357

66.5969, 0.2207,
0.3145

99.4961, 0.3173,
0.3366

Harmonies

Analogous

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



84.7167, 0.2968, 0.3416



84.7167, 0.2857, 0.3268



84.7167, 0.2817, 0.3131

Triad

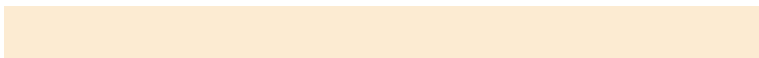
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7167, 0.2857, 0.3268



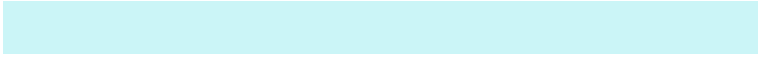
84.7167, 0.3126, 0.3065



84.7167, 0.3401, 0.3539

Complementary

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



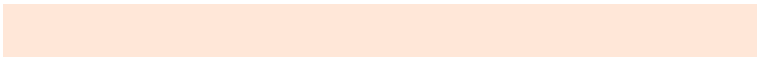
84.7167, 0.2857, 0.3268



67.7291, 0.3470, 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.



84.7167, 0.3447, 0.3437



84.7167, 0.2857, 0.3268



84.7167, 0.3286, 0.3167

Square

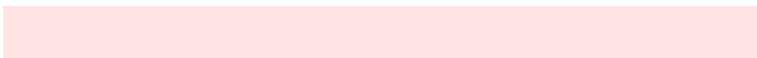
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.7167, 0.2857, 0.3268



84.7167, 0.2970, 0.3019



84.7167, 0.3405, 0.3302



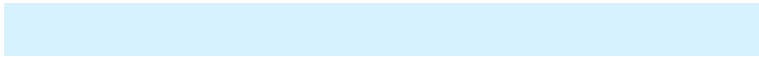
84.7167, 0.3281, 0.3575

Rectangle

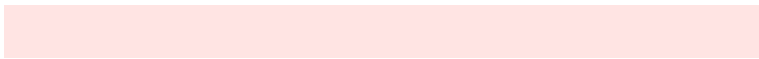
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



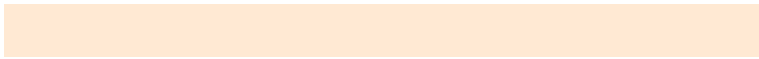
84.7167, 0.2857, 0.3268



84.7167, 0.2836, 0.3064



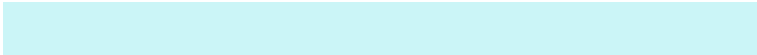
84.7167, 0.3405, 0.3302



84.7167, 0.3426, 0.3511

Sweetspot

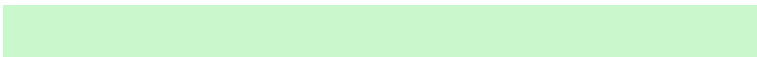
The Sweet Spot groups the original color and five complimentary colors.



84.7202, 0.2857, 0.3268



97.2931, 0.3049, 0.3284



83.5998, 0.3096, 0.3760



20.7460, 0.3038, 0.3283



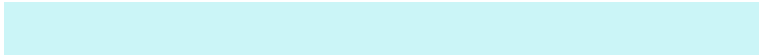
0.0000, 0.0000, 0.0000



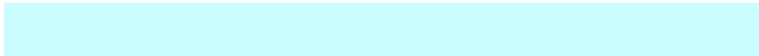
21.4041, 0.3127, 0.3290

Same Dimension

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



84.7202, 0.2857, 0.3268



89.6802, 0.2811, 0.3264



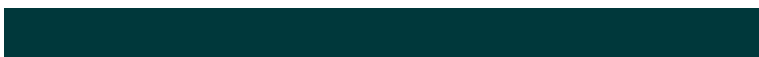
72.4596, 0.2845, 0.3034



18.6214, 0.2981, 0.3279



35.2761, 0.2208, 0.3148



3.1395, 0.2213, 0.3167

Inverse Universe

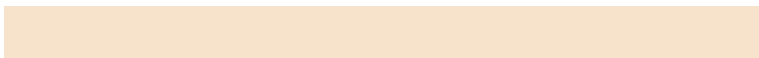
The Inverse Universe completely reimagines the original color for something new.



69.0631, 0.3162, 0.2866



70.3080, 0.3169, 0.2789



78.7264, 0.3431, 0.3533



16.7546, 0.3145, 0.3067



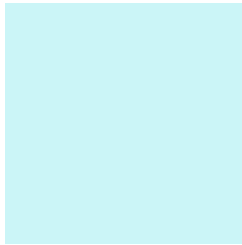
13.6605, 0.3326, 0.1606



1.2046, 0.3310, 0.1597

Previews

White Background



This preview shows how the Yxy color 84.7167, 0.2857, 0.3268 looks on a white background.

Color Contrast Check

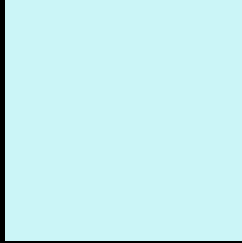
Large Text (above 18pt) WCAG AA × Fail

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 84.7167, 0.2857, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

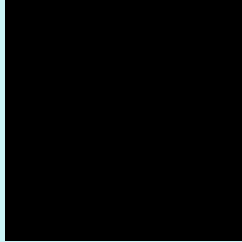
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.7167, 0.2857, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 84.7167, 0.2857, 0.3268.

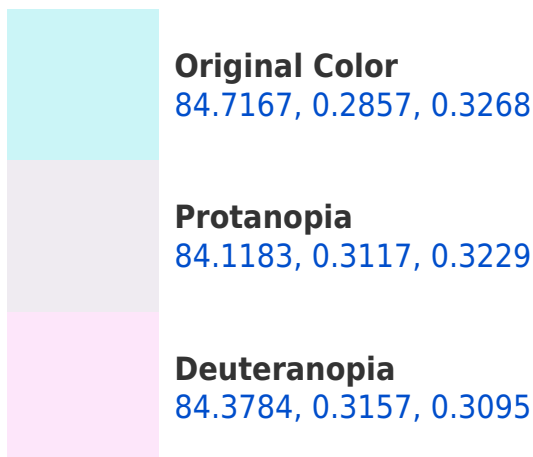


This preview shows how white text looks on a background with the Yxy color 84.7167, 0.2857, 0.3268.

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

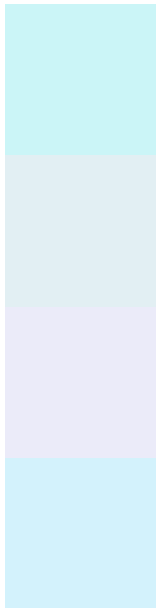




Tritanopia

84.5777, 0.2883, 0.3145

Trichromacy



Original Color

84.7167, 0.2857, 0.3268

Protanomaly

84.3728, 0.3019, 0.3249

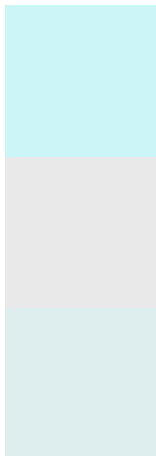
Deuteranomaly

83.9184, 0.3042, 0.3149

Tritanomaly

84.3814, 0.2876, 0.3185

Monochromacy



Original Color

84.7167, 0.2857, 0.3268

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.2710, 0.3023, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7167, 0.2857, 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(203, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(203, 245, 247)  
}
```

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(203, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 245, 247) }
```

Border

The CSS property to change the border of an element to Yxy 84.7167, 0.2857, 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(203, 245, 247) }
```

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

```
.border{ border-color:rgb(203, 245, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(203, 245,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7167, 0.2857, 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(203, 245, 247) }
```

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

```
.background{ background-color: rgb(203,  
245, 247) }
```

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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