

Converting Colors

$Yxy(82.2011, 0.2855, 0.3265)$

Have a look what the booklet for
Yxy(82.2011, 0.2855, 0.3265)
contains.

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Color

Yxy(82.3153, 0.2854, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	C8F2F4
RGB	200, 242, 244
RGB Percent	78%, 95%, 96%
CMY	0.2159, 0.0509, 0.0432
CMYK	0.18, 0.01, 0.00, 0.04
HSL	183°, 67%, 87%
HSV	183°, 18%, 96%
XYZ	71.8874, 82.3153, 97.6802
YIQ	229.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

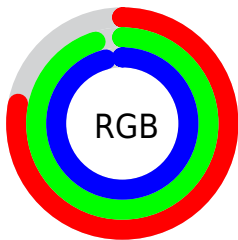
Format	Color
R _{YB}	200, 221, 244
Decimal	13169396
CIE _{Lab}	92.71, -13.04, -5.45
CIE _{LCh}	93, 14.133, 202.697
Y _{xy}	82.3153, 0.2854, 0.3268
Android (android.graphics.Color)	4291359476 (0xFFC8F2F4)
YUV	229.6700, 7.0647, -26.0206
Hunter-Lab	90.7278, -17.3407, -0.3239

Details

The Yxy color **82.3153, 0.2854, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5994, 0.3475, 0.3312**, and the grayscale version is **78.8292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7684, 0.2791, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **78.5758, 0.2716, 0.3255**, and if you desaturate by 10%, it is **86.6015, 0.3002, 0.3281**.

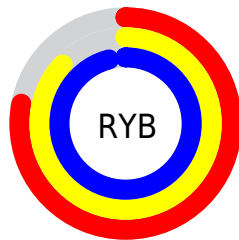
Distribution



Red (78%)

Green (95%)

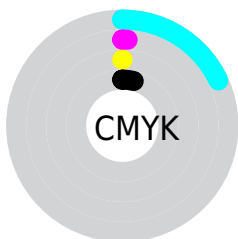
Blue (96%)



Red (78%)

Yellow (87%)

Blue (96%)

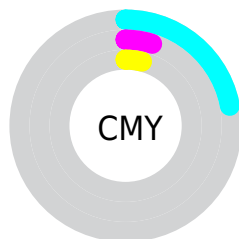


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.3153, 0.2854, 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 82.3153, 0.2854, 0.3268 by changing the saturation by 10% instead.

82.3153, 0.2854,
0.3268

82.3153, 0.2854,
0.3268

502.7017, 0.2977,
0.3279

61.6255, 0.2827,
0.3265

136.6161, 0.2896,
0.3272

44.7301, 0.2794,
0.3262

170.9958, 0.2912,
0.3274

31.2449, 0.2752,
0.3257

210.7076, 0.2927,
0.3275

20.7854, 0.2699,
0.3250

256.1359, 0.2939,
0.3276

12.9672, 0.2628,
0.3241

307.6651, 0.2950,
0.3277

7.4060, 0.2530,
0.3227

365.6795, 0.2960,

3.7173, 0.2385,

0.3278

430.5636, 0.2969,
0.3279

0.3202

1.5167, 0.2147,
0.3154

0.3004, 0.0000,
0.2978

82.3153, 0.2854,
0.3268

82.3153, 0.2854,
0.3268

78.5758, 0.2716,
0.3255

86.6015, 0.3002,
0.3281

75.3475, 0.2590,
0.3240

91.4478, 0.3158,
0.3292

72.6062, 0.2480,
0.3226

93.2760, 0.3198,
0.3303

70.3220, 0.2389,
0.3210

93.9400, 0.3197,
0.3313

68.4615, 0.2316,
0.3195

94.6079, 0.3196,
0.3324

66.9868, 0.2263,
0.3180

95.2798, 0.3196,
0.3334

65.8531, 0.2228,
0.3165

95.9555, 0.3195,
0.3345

64.9990, 0.2210,
0.3150

96.6352, 0.3194,
0.3355

64.8479, 0.2208,
0.3147

97.3188, 0.3193,
0.3366

Harmonies

Analogous

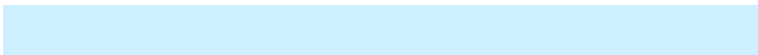
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3153, 0.2966, 0.3418



82.3153, 0.2854, 0.3268



82.3153, 0.2814, 0.3129

Triad

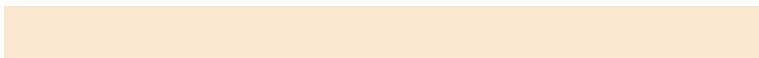
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3153, 0.2854, 0.3268



82.3153, 0.3125, 0.3062



82.3153, 0.3405, 0.3541

Complementary

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



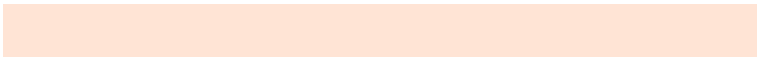
82.3153, 0.2854, 0.3268



65.5994, 0.3475, 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.



82.3153, 0.3451, 0.3439



82.3153, 0.2854, 0.3268



82.3153, 0.3287, 0.3166

Square

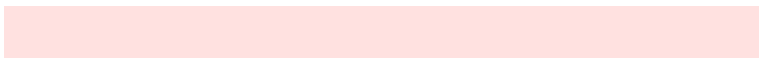
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3153, 0.2854, 0.3268



82.3153, 0.2967, 0.3015



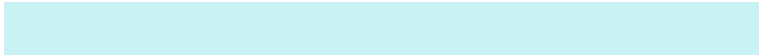
82.3153, 0.3408, 0.3302



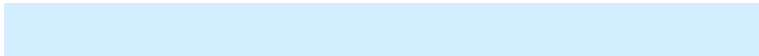
82.3153, 0.3284, 0.3578

Rectangle

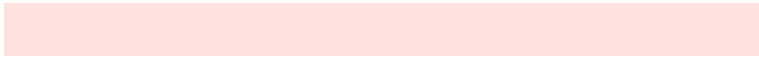
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3153, 0.2854, 0.3268



82.3153, 0.2832, 0.3061



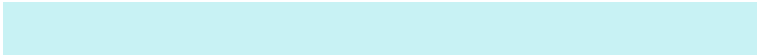
82.3153, 0.3408, 0.3302



82.3153, 0.3430, 0.3513

Sweetspot

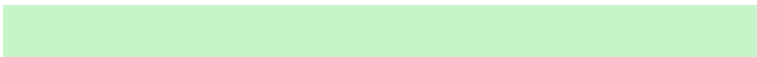
The Sweet Spot groups the original color and five complimentary colors.



82.3187, 0.2854, 0.3268



97.2978, 0.3049, 0.3284



81.2043, 0.3095, 0.3766



20.7472, 0.3038, 0.3283



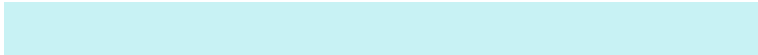
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.3187, 0.2854, 0.3268



89.2764, 0.2797, 0.3263



70.2507, 0.2841, 0.3031



18.6231, 0.2981, 0.3279



35.3191, 0.2208, 0.3150



3.1428, 0.2213, 0.3168

Inverse Universe

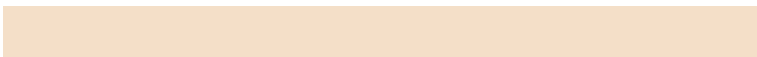
The Inverse Universe completely reimagines the original color for something new.



66.9249, 0.3162, 0.2861



69.1201, 0.3171, 0.2764



76.4072, 0.3435, 0.3536



16.7547, 0.3145, 0.3067



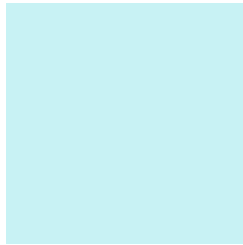
13.6649, 0.3324, 0.1605



1.2049, 0.3309, 0.1596

Previews

White Background



This preview shows how the Yxy color 82.3153, 0.2854, 0.3268 looks on a white background.

Color Contrast Check

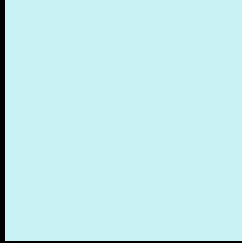
Large Text (above 18pt) WCAG AA × Fail

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 82.3153, 0.2854, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

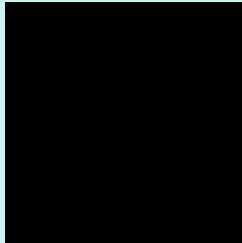
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3153, 0.2854, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 82.3153, 0.2854, 0.3268.

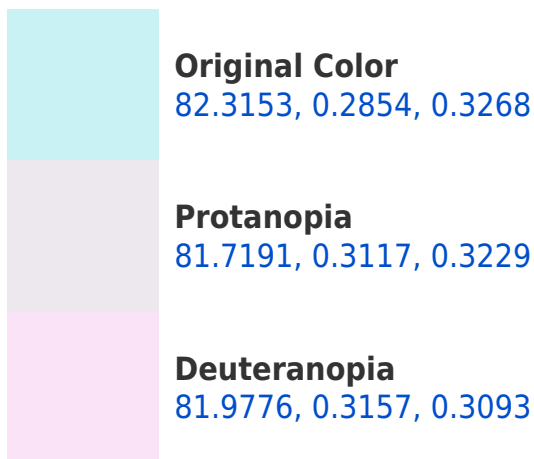


This preview shows how white text looks on a background with the Yxy color 82.3153, 0.2854, 0.3268.

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

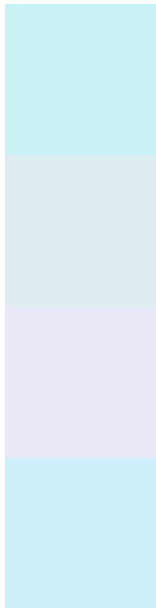




Tritanopia

82.3629, 0.2840, 0.3122

Trichromacy



Original Color

82.3153, 0.2854, 0.3268

Protanomaly

81.9702, 0.3018, 0.3248

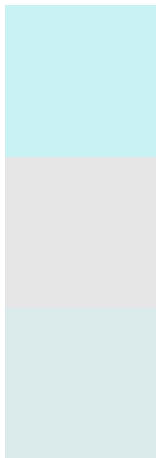
Deuteranomaly

81.5229, 0.3041, 0.3147

Tritanomaly

82.2643, 0.2844, 0.3173

Monochromacy



Original Color

82.3153, 0.2854, 0.3268

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.9039, 0.3022, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3153, 0.2854, 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(200, 242, 244)` looks like.

```
.text, #text, p{  
    color:rgb(200, 242, 244)  
}
```

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(200, 242, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 242, 244) }
```

Border

The CSS property to change the border of an element to Yxy 82.3153, 0.2854, 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(200, 242, 244) }
```

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

```
.border{ border-color:rgb(200, 242, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 242, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 242, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 242, 244);  
box-shadow:4px 4px 4px 4px rgb(200, 242,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3153, 0.2854, 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(200, 242, 244) }
```

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

```
.background{ background-color: rgb(200,  
242, 244) }
```

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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