

Converting Colors

Yxy(80.9516, 0.2866, 0.3253)

Have a look what the booklet for
Yxy(80.9516, 0.2866, 0.3253)
contains.

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Color

Yxy(81.2087, 0.2865, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	C9F0F3
RGB	201, 240, 243
RGB Percent	79%, 94%, 95%
CMY	0.2115, 0.0589, 0.0471
CMYK	0.17, 0.01, 0.00, 0.05
HSL	184°, 64%, 87%
HSV	184°, 17%, 95%
XYZ	71.4347, 81.2087, 96.6925
YIQ	228.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

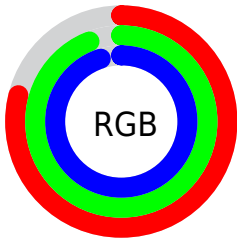
Format	Color
R _Y B	201, 221, 243
Decimal	13234419
CIE Lab	92.22, -11.89, -5.64
CIE LCh	92, 13.160, 205.401
Yxy	81.2087, 0.2865, 0.3257
Android (android.graphics.Color)	4291424499 (0xFFC9F0F3)
YUV	228.6810, 7.0593, -24.2762
Hunter-Lab	90.1159, -16.2061, -0.5358

Details

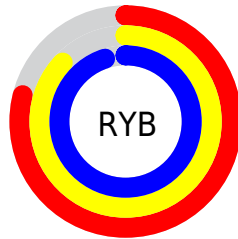
The Yxy color **81.2087, 0.2865, 0.3257** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.4835, 0.3454, 0.3323**, and the grayscale version is **78.0772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9798, 0.2803, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **77.0885, 0.2724, 0.3236**, and if you desaturate by 10%, it is **85.8781, 0.3015, 0.3277**.

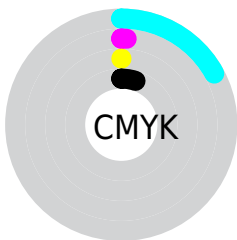
Distribution



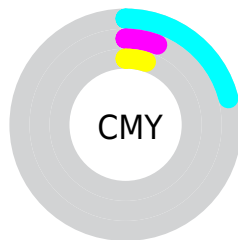
- Red (79%)
- Green (94%)
- Blue (95%)



- Red (79%)
- Yellow (87%)
- Blue (95%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2087, 0.2865, 0.3257 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 81.2087, 0.2865, 0.3257 by changing the saturation by 10% instead.

81.2087, 0.2865,
0.3257

81.2087, 0.2865,
0.3257

498.9970, 0.2983,
0.3273

60.7135, 0.2839,
0.3253

135.0638, 0.2905,
0.3263

43.9940, 0.2807,
0.3248

169.1924, 0.2921,
0.3265

30.6658, 0.2767,
0.3242

208.6344, 0.2935,
0.3267

20.3445, 0.2715,
0.3233

253.7740, 0.2947,
0.3269

12.6457, 0.2647,
0.3221

304.9956, 0.2958,
0.3270

7.1850, 0.2551,
0.3203


362.6838, 0.2967,


3.5781, 0.2408,


0.3271

0.3172


427.2227, 0.2976,
0.3272


 1.4405, 0.2174,
0.3114


 0.2463, 0.0000,
0.2709


 81.2087, 0.2865,
0.3257


 81.2087, 0.2865,
0.3257


 77.0885, 0.2724,
0.3236


 85.8781, 0.3015,
0.3277


 73.4825, 0.2596,
0.3213

 91.1099, 0.3170,
0.3295

 70.3669, 0.2482,
0.3190

 93.1555, 0.3204,
0.3312

 67.7124, 0.2385,
0.3166

 94.2116, 0.3203,
0.3328

65.4860, 0.2308,
0.3141

95.2775, 0.3201,
0.3345

63.6508, 0.2250,
0.3116

96.3534, 0.3200,
0.3362

62.1631, 0.2211,
0.3092

97.4391, 0.3199,
0.3378

60.9661, 0.2188,
0.3068

98.5349, 0.3198,
0.3395

60.6643, 0.2184,
0.3062

99.2503, 0.3197,
0.3405

Harmonies

Analogous

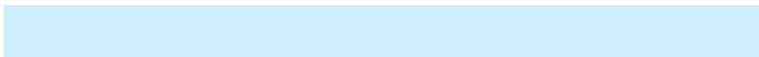
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2087, 0.2965, 0.3398



81.2087, 0.2865, 0.3257



81.2087, 0.2834, 0.3130

Triad

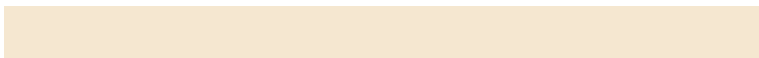
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2087, 0.2865, 0.3257



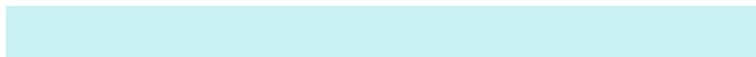
81.2087, 0.3140, 0.3083



81.2087, 0.3379, 0.3531

Complementary

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



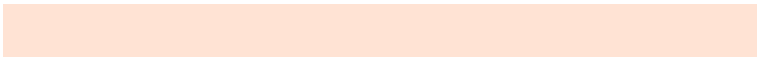
81.2087, 0.2865, 0.3257



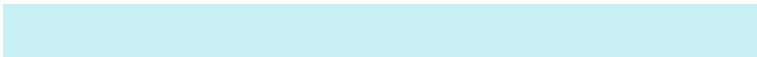
66.4835, 0.3454, 0.3323

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.



81.2087, 0.3429, 0.3440



81.2087, 0.2865, 0.3257



81.2087, 0.3289, 0.3184

Square

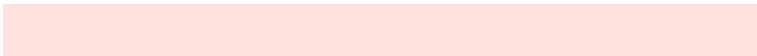
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2087, 0.2865, 0.3257



81.2087, 0.2990, 0.3034



81.2087, 0.3396, 0.3313



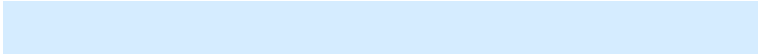
81.2087, 0.3261, 0.3559

Rectangle

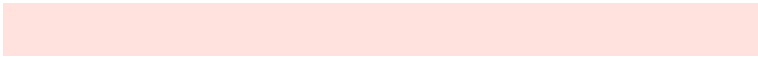
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



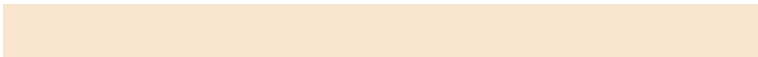
81.2087, 0.2865, 0.3257



81.2087, 0.2856, 0.3070



81.2087, 0.3396, 0.3313



81.2087, 0.3405, 0.3507

Sweetspot

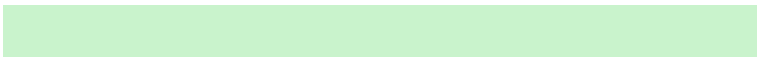
The Sweet Spot groups the original color and five complimentary colors.



81.2120, 0.2865, 0.3257



97.0819, 0.3049, 0.3281



80.8719, 0.3089, 0.3727



20.6945, 0.3038, 0.3280



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.



81.2120, 0.2865, 0.3257



88.8042, 0.2810, 0.3249



69.6782, 0.2854, 0.3028



18.5433, 0.2981, 0.3272



33.3835, 0.2185, 0.3065



2.9936, 0.2193, 0.3095

Inverse Universe

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



67.1442, 0.3168, 0.2891



70.2195, 0.3179, 0.2801



77.0246, 0.3418, 0.3539



16.7467, 0.3149, 0.3073



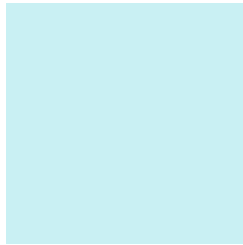
13.4695, 0.3397, 0.1645



1.1898, 0.3371, 0.1631

Previews

White Background



This preview shows how the Yxy color 81.2087, 0.2865, 0.3257 looks on a white background.

Color Contrast Check

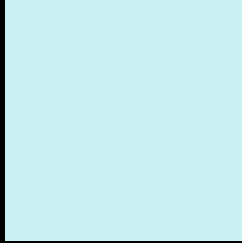
Large Text (above 18pt) WCAG AA × Fail

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 81.2087, 0.2865, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

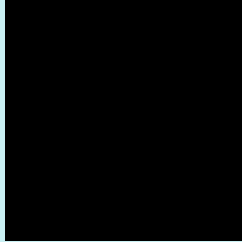
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

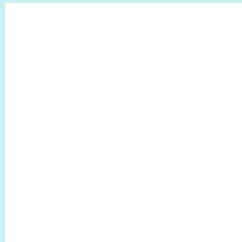
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2087, 0.2865, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 81.2087, 0.2865, 0.3257.

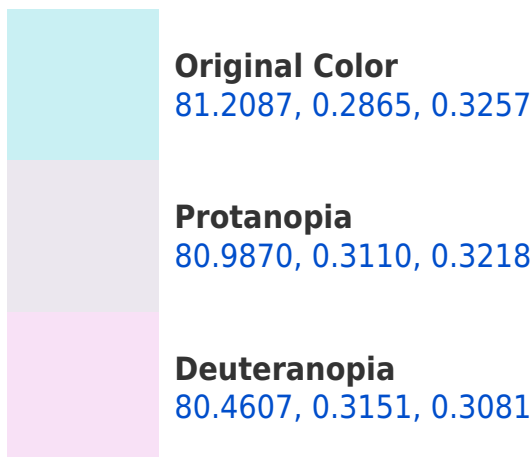


This preview shows how white text looks on a background with the Yxy color 81.2087, 0.2865, 0.3257.

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

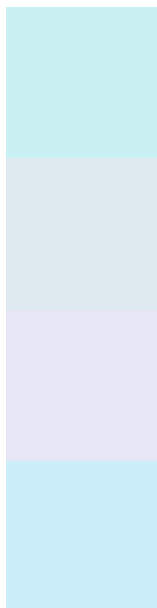




Tritanopia

80.9102, 0.2827, 0.3100

Trichromacy



Original Color

81.2087, 0.2865, 0.3257

Protanomaly

80.8249, 0.3018, 0.3227

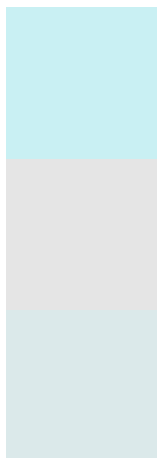
Deuteranomaly

80.1751, 0.3040, 0.3136

Tritanomaly

80.9515, 0.2837, 0.3151

Monochromacy



Original Color

81.2087, 0.2865, 0.3257

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.2784, 0.3028, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2087, 0.2865, 0.3257 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(201, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(201, 240, 243)  
}
```

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(201, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 240, 243) }
```

Border

The CSS property to change the border of an element to Yxy 81.2087, 0.2865, 0.3257 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(201, 240, 243) }
```

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

```
.border{ border-color:rgb(201, 240, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 240, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 240, 243);  
box-shadow:4px 4px 4px 4px rgb(201, 240,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2087, 0.2865, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 240, 243) }
```

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

```
.background{ background-color: rgb(201,  
240, 243) }
```

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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