

Converting Colors

$Yxy(81.1946, 0.2889, 0.3478)$

Have a look what the booklet for
Yxy(81.1946, 0.2889, 0.3478)
contains.

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Color

Yxy(81.1946, 0.2889, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	BEF4E3
RGB	190, 244, 227
RGB Percent	75%, 96%, 89%
CMY	0.2551, 0.0431, 0.1097
CMYK	0.22, 0.00, 0.07, 0.04
HSL	161°, 71%, 85%
HSV	161°, 22%, 96%
XYZ	67.4443, 81.1946, 84.8131
YIQ	225.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

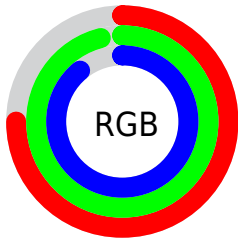
Format	Color
R_{YB}	190, 222, 244
Decimal	12514531
CIE _{Lab}	92.22, -20.49, 2.56
CIE _{LCh}	92, 20.648, 172.868
Yxy	81.1946, 0.2889, 0.3478
Android (android.graphics.Color)	4290704611 (0xFFBEF4E3)
YUV	225.9160, 0.5344, -31.4983
Hunter-Lab	90.1080, -24.0850, 7.2696

Details

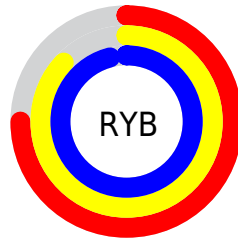
The Yxy color **81.1946, 0.2889, 0.3478** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5411, 0.3440, 0.3110**, and the grayscale version is **75.9962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **44.1792, 0.2837, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **77.9017, 0.2792, 0.3576**, and if you desaturate by 10%, it is **85.0390, 0.2994, 0.3388**.

Distribution



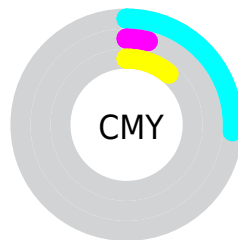
- Red (75%)
- Green (96%)
- Blue (89%)



- Red (75%)
- Yellow (87%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (26%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1946, 0.2889, 0.3478 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 81.1946, 0.2889, 0.3478 by changing the saturation by 10% instead.


 81.1946, 0.2889,
0.3478

 81.1946, 0.2889,
0.3478


498.9497, 0.2997,
0.3392

 60.7019, 0.2865,
0.3498


 135.0440, 0.2926,
0.3448

 43.9846, 0.2835,
0.3522


169.1694, 0.2941,
0.3437

 30.6584, 0.2797,
0.3552


208.6079, 0.2954,
0.3427

 20.3389, 0.2748,
0.3591

253.7438, 0.2965,
0.3418

 12.6416, 0.2683,
0.3645

304.9616, 0.2974,
0.3410

 7.1822, 0.2591,
0.3721

362.6455, 0.2983,

 3.5763, 0.2450,

0.3403

0.3839

427.1801, 0.2991,
0.3397

■ 1.4395, 0.2208,
0.4046

■ 0.2456, 0.0000,
0.7358

■ 81.1946, 0.2889,
0.3478

■ 81.1946, 0.2889,
0.3478

■ 77.9017, 0.2792,
0.3576

■ 85.0390, 0.2994,
0.3388

■ 75.1237, 0.2706,
0.3682

■ 89.4495, 0.3103,
0.3306


■ 72.8355, 0.2634,
0.3795

■ 92.8734, 0.3162,
0.3232


■ 71.0054, 0.2579,
0.3912

■ 93.1897, 0.3132,
0.3185

 69.5982, 0.2543,
0.4033

 68.5733, 0.2527,
0.4154

 67.8817, 0.2532,
0.4275

 67.5137, 0.2547,
0.4368

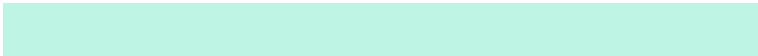
Harmonies

Analogous

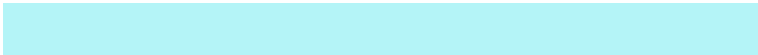
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1946, 0.3116, 0.3652



81.1946, 0.2889, 0.3478



81.1946, 0.2729, 0.3253

Triad

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



81.1946, 0.2889, 0.3478



81.1946, 0.2893, 0.2892



81.1946, 0.3604, 0.3504

Complementary

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



81.1946, 0.2889, 0.3478



60.5411, 0.3440, 0.3110

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.



81.1946, 0.3541, 0.3305



81.1946, 0.2889, 0.3478



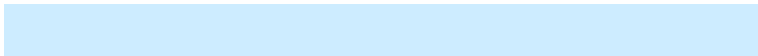
81.1946, 0.3124, 0.2962

Square

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



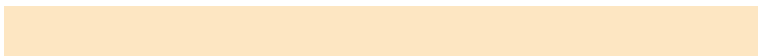
81.1946, 0.2889, 0.3478



81.1946, 0.2731, 0.2921



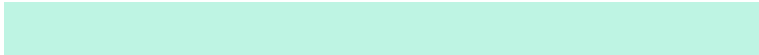
81.1946, 0.3363, 0.3110



81.1946, 0.3534, 0.3657

Rectangle

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



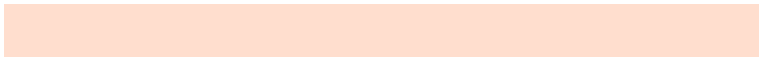
81.1946, 0.2889, 0.3478



81.1946, 0.2678, 0.3111



81.1946, 0.3363, 0.3110



81.1946, 0.3598, 0.3440

Sweetspot

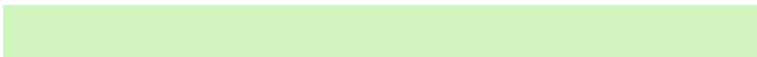
The Sweet Spot groups the original color and five complimentary colors.



81.1980, 0.2889, 0.3478



96.4145, 0.3049, 0.3345



81.7004, 0.3209, 0.3891



20.5737, 0.3043, 0.3350



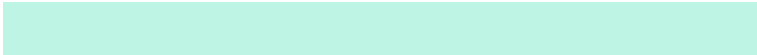
0.0000, 0.0000, 0.0000



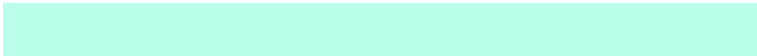
21.4041, 0.3127, 0.3290

Same Dimension

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



81.1980, 0.2889, 0.3478



87.8826, 0.2840, 0.3525



76.3764, 0.2790, 0.3180



18.6640, 0.3022, 0.3365



36.7313, 0.2541, 0.4348



3.2468, 0.2500, 0.4199

Inverse Universe

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



60.5411, 0.3440, 0.3110



60.9840, 0.3531, 0.3068



64.1944, 0.3558, 0.3397



16.5683, 0.3244, 0.3216



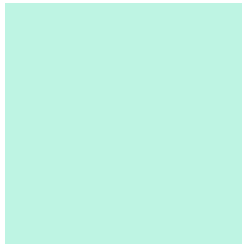
10.7681, 0.5713, 0.2921



0.9642, 0.5360, 0.2726

Previews

White Background



This preview shows how the Yxy color 81.1946, 0.2889, 0.3478 looks on a white background.

Color Contrast Check

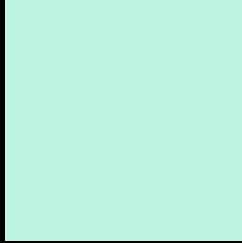
Large Text (above 18pt) WCAG AA × Fail

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 81.1946, 0.2889, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

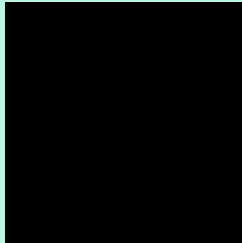
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

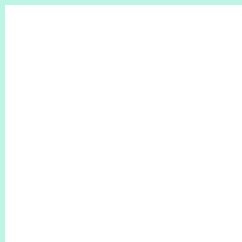
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.1946, 0.2889, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 81.1946, 0.2889, 0.3478.

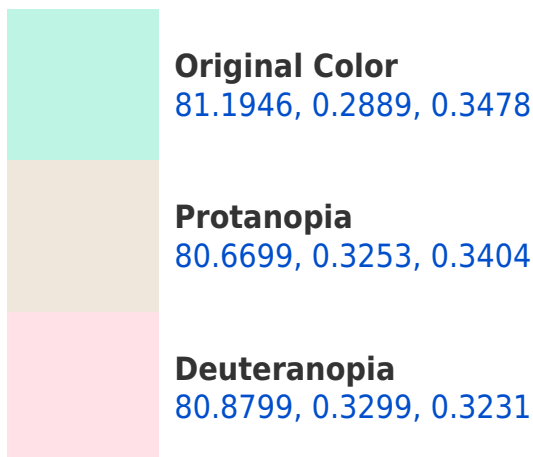


This preview shows how white text looks on a background with the Yxy color 81.1946, 0.2889, 0.3478.

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

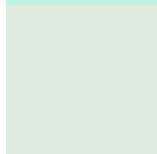
80.9256, 0.2804, 0.3109

Trichromacy



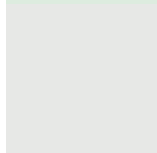
Original Color

81.1946, 0.2889, 0.3478



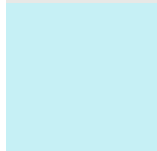
Protanomaly

80.6908, 0.3107, 0.3428



Deuteranomaly

80.4153, 0.3133, 0.3311



Tritanomaly

80.9185, 0.2836, 0.3235

Monochromacy



Original Color

81.1946, 0.2889, 0.3478



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

77.9149, 0.3037, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1946, 0.2889, 0.3478 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(190, 244, 227)` looks like.

```
.text, #text, p{  
    color:rgb(190, 244, 227)  
}
```

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(190, 244, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 244, 227) }
```

Border

The CSS property to change the border of an element to Yxy 81.1946, 0.2889, 0.3478 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(190, 244, 227) }
```

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

```
.border{ border-color:rgb(190, 244, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 244, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 244, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 244, 227);  
box-shadow:4px 4px 4px 4px rgb(190, 244,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1946, 0.2889, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 244, 227) }
```

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

```
.background{ background-color: rgb(190,  
244, 227) }
```

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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