

Converting Colors

$Yxy(81.1968, 0.2759, 0.3373)$

Have a look what the booklet for
Yxy(81.1968, 0.2759, 0.3373)
contains.

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Color

Yxy(81.4317, 0.2760, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	B1F6EE
RGB	177, 246, 238
RGB Percent	69%, 96%, 93%
CMY	0.3055, 0.0353, 0.0667
CMYK	0.28, 0.00, 0.03, 0.04
HSL	173°, 79%, 83%
HSV	173°, 28%, 96%
XYZ	66.5339, 81.4317, 93.0992
YIQ	224.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

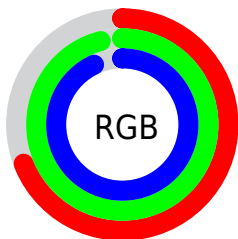
Format	Color
R _Y B	177, 214, 246
Decimal	11663086
CIE Lab	92.32, -22.96, -3.06
CIE LCh	92, 23.161, 187.599
Yxy	81.4317, 0.2760, 0.3378
Android (android.graphics.Color)	4289853166 (0xFFB1F6EE)
YUV	224.4570, 6.6767, -41.6198
Hunter-Lab	90.2395, -26.3105, 1.9987

Details

The Yxy color **81.4317, 0.2760, 0.3378** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.5753, 0.3671, 0.3205**, and the grayscale version is **74.8711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **44.3419, 0.2679, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **78.6340, 0.2649, 0.3414**, and if you desaturate by 10%, it is **84.7594, 0.2883, 0.3344**.

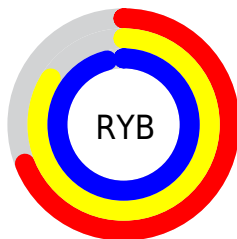
Distribution



Red (69%)

Green (96%)

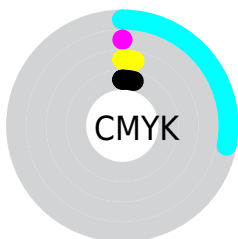
Blue (93%)



Red (69%)

Yellow (84%)

Blue (96%)

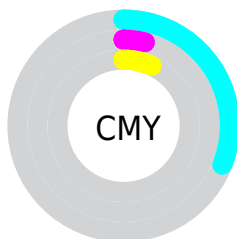


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (4%)



Cyan (31%)


Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4317, 0.2760, 0.3378 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 81.4317, 0.2760, 0.3378 by changing the saturation by 10% instead.

 81.4317, 0.2760,
0.3378

 81.4317, 0.2760,
0.3378

499.7448, 0.2925,
0.3340

 60.8972, 0.2723,
0.3386


 135.3768, 0.2817,
0.3365

 44.1422, 0.2678,
0.3396


169.5561, 0.2839,
0.3360

 30.7823, 0.2622,
0.3408


209.0526, 0.2858,
0.3356

 20.4332, 0.2551,
0.3423

254.2505, 0.2875,
0.3352

 12.7103, 0.2455,
0.3443

305.5343, 0.2890,
0.3348

 7.2294, 0.2322,
0.3469

363.2883, 0.2903,

 3.6060, 0.2126,

0.3345

427.8970, 0.2915,
0.3342

0.3504

1.4557, 0.1798,
0.3555

0.2572, 0.0000,
0.3423

81.4317, 0.2760,
0.3378

81.4317, 0.2760,
0.3378

78.6340, 0.2649,
0.3414

84.7594, 0.2883,
0.3344

76.3283, 0.2553,
0.3452


88.6331, 0.3016,
0.3313

74.4874, 0.2474,
0.3492

93.0802, 0.3155,
0.3285


73.0773, 0.2415,
0.3532

94.0297, 0.3165,
0.3257


 72.0592, 0.2375,
0.3573

 94.2094, 0.3148,
0.3230

 71.3877, 0.2354,
0.3614

 94.3846, 0.3131,
0.3204

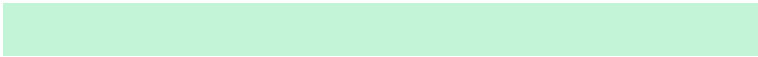
 71.0001, 0.2350,
0.3654

 70.9389, 0.2351,
0.3662

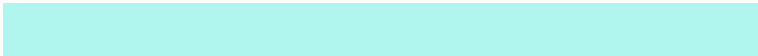
Harmonies

Analogous

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



81.4317, 0.2983, 0.3614



81.4317, 0.2760, 0.3378



81.4317, 0.2635, 0.3127

Triad

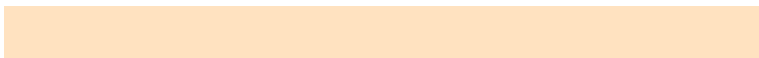
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4317, 0.2760, 0.3378



81.4317, 0.2985, 0.2872



81.4317, 0.3641, 0.3622

Complementary

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



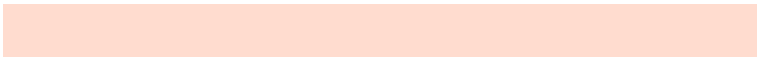
81.4317, 0.2760, 0.3378



54.5753, 0.3671, 0.3205

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.



81.4317, 0.3645, 0.3417



81.4317, 0.2760, 0.3378



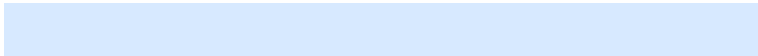
81.4317, 0.3257, 0.2996

Square

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



81.4317, 0.2760, 0.3378



81.4317, 0.2761, 0.2848



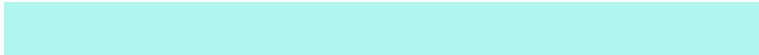
81.4317, 0.3503, 0.3191



81.4317, 0.3495, 0.3750

Rectangle

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



81.4317, 0.2760, 0.3378



81.4317, 0.2621, 0.2990



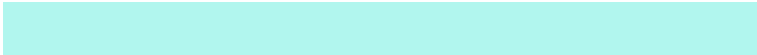
81.4317, 0.3503, 0.3191



81.4317, 0.3660, 0.3559

Sweetspot

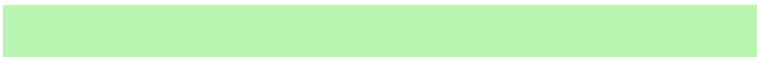
The Sweet Spot groups the original color and five complimentary colors.



81.4350, 0.2760, 0.3378



96.1828, 0.3016, 0.3313



79.4123, 0.3139, 0.4091



20.4431, 0.2996, 0.3318



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

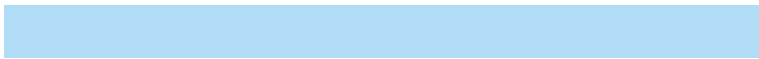
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4350, 0.2760, 0.3378



86.4672, 0.2691, 0.3400



66.9747, 0.2688, 0.2988



18.7228, 0.2996, 0.3317



37.8820, 0.2349, 0.3655



3.3387, 0.2335, 0.3604

Inverse Universe

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



54.5753, 0.3671, 0.3205



52.6047, 0.3838, 0.3186



65.7166, 0.3666, 0.3573



16.5138, 0.3275, 0.3263



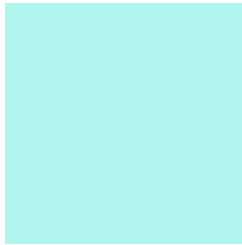
10.5142, 0.6260, 0.3222



0.9340, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 81.4317, 0.2760, 0.3378 looks on a white background.

Color Contrast Check

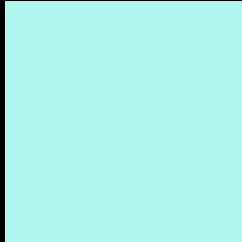
Large Text (above 18pt) WCAG AA × Fail

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 81.4317, 0.2760, 0.3378 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 81.4317, 0.2760, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 81.4317, 0.2760, 0.3378.

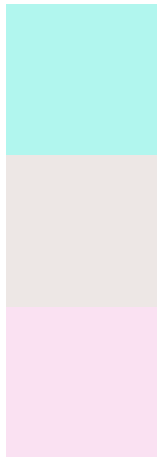


This preview shows how white text looks on a background with the Yxy color 81.4317, 0.2760, 0.3378.

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



Original Color

81.4317, 0.2760, 0.3378

Protanopia

80.8135, 0.3181, 0.3311

Deuteranopia

80.5852, 0.3191, 0.3121



Tritanopia

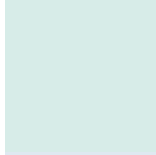
81.2759, 0.2771, 0.3129

Trichromacy



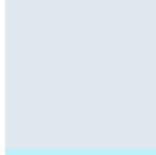
Original Color

81.4317, 0.2760, 0.3378



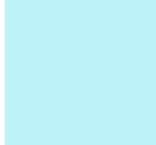
Protanomaly

80.2642, 0.3014, 0.3332



Deuteranomaly

80.3167, 0.3012, 0.3206



Tritanomaly

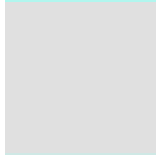
81.1626, 0.2765, 0.3213

Monochromacy



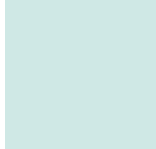
Original Color

81.4317, 0.2760, 0.3378



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.6358, 0.2980, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4317, 0.2760, 0.3378 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(177, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(177, 246, 238)  
}
```

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(177, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 246, 238) }
```

Border

The CSS property to change the border of an element to Yxy 81.4317, 0.2760, 0.3378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

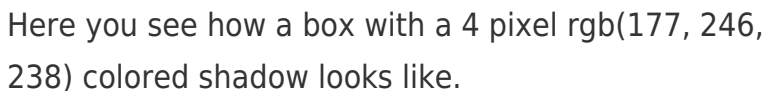
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 246, 238) }
```

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

```
.border{ border-color:rgb(177, 246, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 246, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 246, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 246, 238); box-shadow:4px 4px 4px 4px rgb(177, 246, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4317, 0.2760, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 246, 238) }
```

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

```
.background{ background-color: rgb(177,  
246, 238) }
```

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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