

Converting Colors

$Yxy(81.3669, 0.2889, 0.3355)$

Have a look what the booklet for
Yxy(81.3669, 0.2889, 0.3355)
contains.

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Color

Yxy(81.5662, 0.2886, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	C6F2EC
RGB	198, 242, 236
RGB Percent	78%, 95%, 93%
CMY	0.2238, 0.0509, 0.0746
CMYK	0.18, 0.00, 0.02, 0.05
HSL	172°, 63%, 86%
HSV	172°, 18%, 95%
XYZ	70.1640, 81.5662, 91.3882
YIQ	228.1600, -24.2980, -11.1940

Conversions

Conversions Part 2

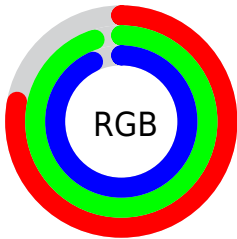
Format	Color
R _{YB}	198, 222, 242
Decimal	13038316
CIE _{Lab}	92.38, -15.28, -1.79
CIE _{LCh}	92, 15.387, 186.680
Yxy	81.5662, 0.2886, 0.3355
Android (android.graphics.Color)	4291228396 (0xFFC6F2EC)
YUV	228.1600, 3.8651, -26.4503
Hunter-Lab	90.3140, -19.3748, 3.2246

Details

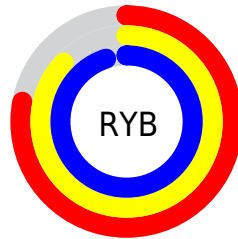
The Yxy color **81.5662, 0.2886, 0.3355** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.5938, 0.3435, 0.3226**, and the grayscale version is **77.6824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2527, 0.2831, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **78.3499, 0.2765, 0.3395**, and if you desaturate by 10%, it is **85.3183, 0.3016, 0.3318**.

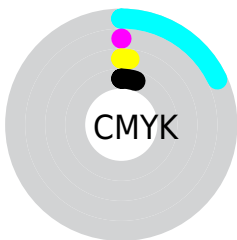
Distribution



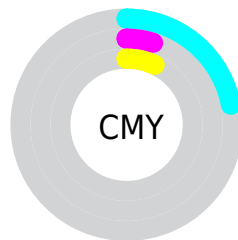
- Red (78%)
- Green (95%)
- Blue (93%)



- Red (78%)
- Yellow (87%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.5662, 0.2886, 0.3355 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 81.5662, 0.2886, 0.3355 by changing the saturation by 10% instead.

81.5662, 0.2886,
0.3355

81.5662, 0.2886,
0.3355

500.1955, 0.2995,
0.3326

61.0080, 0.2862,
0.3361

135.5655, 0.2923,
0.3345

44.2316, 0.2832,
0.3369

169.7754, 0.2938,
0.3341

30.8527, 0.2795,
0.3378

209.3047, 0.2951,
0.3338

20.4867, 0.2747,
0.3391

254.5378, 0.2962,
0.3335

12.7493, 0.2683,
0.3407

305.8590, 0.2972,
0.3332

7.2561, 0.2593,
0.3428

363.6527, 0.2980,

3.6228, 0.2459,

0.3330

428.3034, 0.2988,
0.3328

0.3460

1.4649, 0.2235,
0.3509

0.2638, 0.0000,
0.3901

81.5662, 0.2886,
0.3355

81.5662, 0.2886,
0.3355

78.3499, 0.2765,
0.3395

85.3183, 0.3016,
0.3318

75.6342, 0.2657,
0.3438

89.6192, 0.3152,
0.3284


73.3957, 0.2563,
0.3484


91.4283, 0.3188,
0.3252


71.6048, 0.2486,
0.3531


91.6337, 0.3168,
0.3221

 70.2287, 0.2428,
0.3579


 91.8428, 0.3148,
0.3189

 69.2303, 0.2390,
0.3628

 91.9988, 0.3133,
0.3166

 68.5654, 0.2372,
0.3676

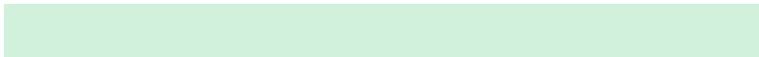
 68.1726, 0.2370,
0.3724

 68.1156, 0.2370,
0.3733

Harmonies

Analogous

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



81.5662, 0.3039, 0.3506



81.5662, 0.2886, 0.3355



81.5662, 0.2798, 0.3190

Triad

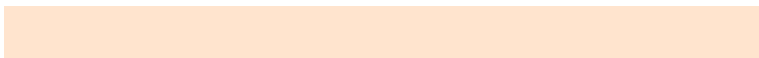
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.5662, 0.2886, 0.3355



81.5662, 0.3029, 0.3006



81.5662, 0.3469, 0.3511

Complementary

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



81.5662, 0.2886, 0.3355



63.5938, 0.3435, 0.3226

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.



81.5662, 0.3468, 0.3374



81.5662, 0.2886, 0.3355



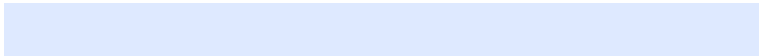
81.5662, 0.3210, 0.3088

Square

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



81.5662, 0.2886, 0.3355



81.5662, 0.2879, 0.2994



81.5662, 0.3372, 0.3221



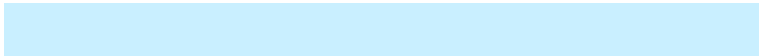
81.5662, 0.3377, 0.3594

Rectangle

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



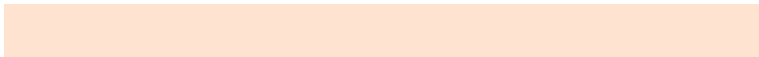
81.5662, 0.2886, 0.3355



81.5662, 0.2786, 0.3097



81.5662, 0.3372, 0.3221



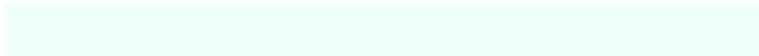
81.5662, 0.3480, 0.3470

Sweetspot

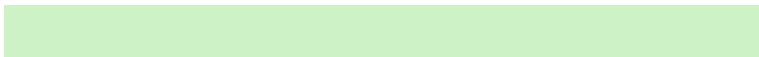
The Sweet Spot groups the original color and five complimentary colors.



81.5696, 0.2886, 0.3355



97.5495, 0.3059, 0.3307



80.5064, 0.3147, 0.3782



20.8086, 0.3049, 0.3309



0.0000, 0.0000, 0.0000



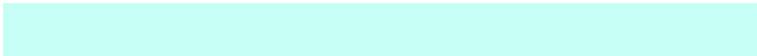
21.4041, 0.3127, 0.3290

Same Dimension

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



81.5696, 0.2886, 0.3355



90.3832, 0.2838, 0.3370



73.1220, 0.2844, 0.3119



17.8895, 0.2999, 0.3322



36.5990, 0.2368, 0.3725



3.0549, 0.2350, 0.3661

Inverse Universe

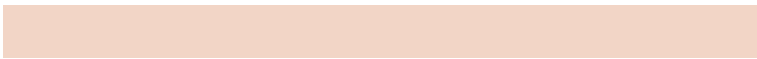
The Inverse Universe completely reimagines the original color for something new.



63.5938, 0.3435, 0.3226



66.5456, 0.3517, 0.3212



70.7252, 0.3453, 0.3455



15.7941, 0.3272, 0.3258



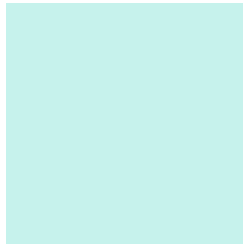
10.2119, 0.6219, 0.3200



0.8605, 0.5916, 0.3033

Previews

White Background



This preview shows how the Yxy color 81.5662, 0.2886, 0.3355 looks on a white background.

Color Contrast Check

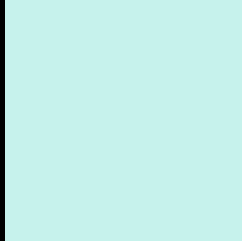
Large Text (above 18pt) WCAG AA × Fail

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 81.5662, 0.2886, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

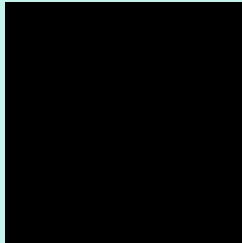
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

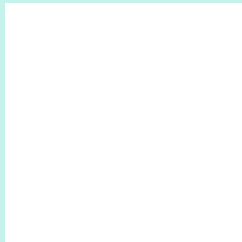
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.5662, 0.2886, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 81.5662, 0.2886, 0.3355.

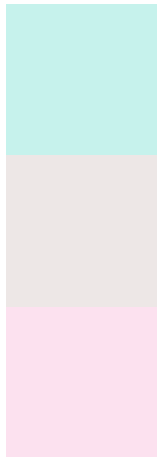


This preview shows how white text looks on a background with the Yxy color 81.5662, 0.2886, 0.3355.

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

81.5662, 0.2886, 0.3355

Protanopia

80.8695, 0.3175, 0.3300

Deuteranopia

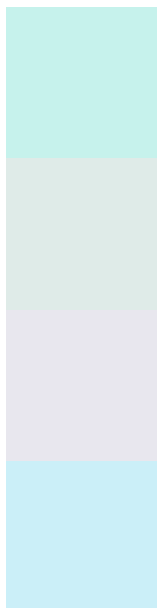
80.7779, 0.3224, 0.3151



Tritanopia

81.4909, 0.2827, 0.3110

Trichromacy



Original Color

81.5662, 0.2886, 0.3355

Protanomaly

80.9308, 0.3066, 0.3321

Deuteranomaly

80.4807, 0.3090, 0.3218

Tritanomaly

81.2068, 0.2848, 0.3193

Monochromacy



Original Color

81.5662, 0.2886, 0.3355

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.7991, 0.3033, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5662, 0.2886, 0.3355 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(198, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 242, 236)  
}
```

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(198, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 242, 236) }
```

Border

The CSS property to change the border of an element to Yxy 81.5662, 0.2886, 0.3355 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(198, 242, 236) }
```

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

```
.border{ border-color:rgb(198, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(198, 242,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5662, 0.2886, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 242, 236) }
```

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

```
.background{ background-color: rgb(198,  
242, 236) }
```

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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