

Converting Colors

$Yxy(83.2636, 0.2953, 0.3285)$

Have a look what the booklet for
Yxy(83.2636, 0.2953, 0.3285)
contains.

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Color

Yxy(83.5576, 0.2955, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D6F1F1
RGB	214, 241, 241
RGB Percent	84%, 95%, 95%
CMY	0.1610, 0.0548, 0.0550
CMYK	0.11, 0.00, 0.00, 0.05
HSL	180°, 49%, 89%
HSV	180°, 11%, 95%
XYZ	75.0495, 83.5576, 95.3674
YIQ	232.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

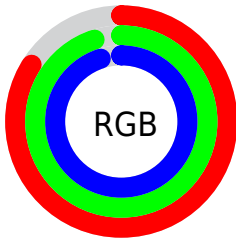
Format	Color
R_{YB}	214, 228, 241
Decimal	14086641
CIE _{Lab}	93.26, -8.80, -2.98
CIE _{LCh}	93, 9.291, 198.711
Yxy	83.5576, 0.2955, 0.3290
Android (android.graphics.Color)	4292276721 (0xFFD6F1F1)
YUV	232.9270, 3.9800, -16.5990
Hunter-Lab	91.4098, -13.4149, 2.1299

Details

The Yxy color $83.5576, 0.2955, 0.3290$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $71.6285, 0.3328, 0.3290$, and the grayscale version is $81.4014, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $45.5716, 0.2916, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $80.1973, 0.2811, 0.3290$, and if you desaturate by 10%, it is $87.4614, 0.3108, 0.3290$.

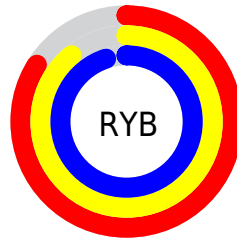
Distribution



Red (84%)

Green (95%)

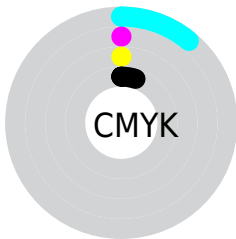
Blue (95%)



Red (84%)

Yellow (89%)

Blue (95%)

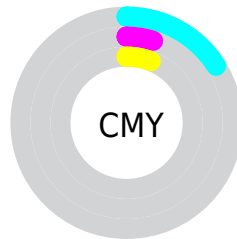


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (16%)


Magenta (5%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5576, 0.2955, 0.3290 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 83.5576, 0.2955, 0.3290 by changing the saturation by 10% instead.


 83.5576, 0.2955,
0.3290

 83.5576, 0.2955,
0.3290


506.8430, 0.3032,
0.3291

 62.6502, 0.2938,
0.3290

138.3562, 0.2981,
0.3290

 45.5583, 0.2917,
0.3289


173.0161, 0.2992,
0.3290

 31.8974, 0.2891,
0.3289


213.0291, 0.3001,
0.3290

 21.2832, 0.2857,
0.3288

258.7795, 0.3009,
0.3290

 13.3311, 0.2812,
0.3287

310.6517, 0.3016,
0.3291

 7.6570, 0.2749,
0.3284

369.0301, 0.3022,

 3.8762, 0.2656,

0.3291

434.2990, 0.3027,
0.3291

0.3280

1.6046, 0.2501,
0.3270

0.3607, 0.1174,
0.3310

83.5576, 0.2955,
0.3290

83.5576, 0.2955,
0.3290

80.1973, 0.2811,
0.3290

87.4614, 0.3108,
0.3290

77.3466, 0.2680,
0.3290


90.5376, 0.3219,
0.3290

74.9836, 0.2563,
0.3291


90.5402, 0.3219,
0.3289

73.0811, 0.2464,
0.3291


90.5429, 0.3218,
0.3289


 71.6090, 0.2384,
0.3291


 90.5456, 0.3218,
0.3289


 70.5337, 0.2323,
0.3292


 90.5483, 0.3218,
0.3288

 69.8167, 0.2281,
0.3292

 90.5510, 0.3218,
0.3288

 69.4116, 0.2258,
0.3293

 90.5537, 0.3217,
0.3287

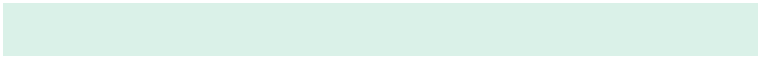
 69.2483, 0.2248,
0.3293

 90.5564, 0.3217,
0.3287

Harmonies

Analogous

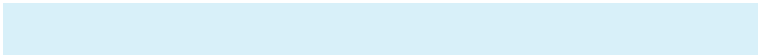
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5576, 0.3034, 0.3385



83.5576, 0.2955, 0.3290



83.5576, 0.2921, 0.3197

Triad

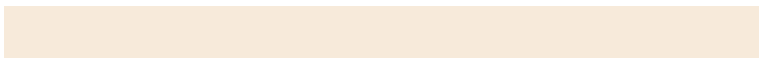
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5576, 0.2955, 0.3290



83.5576, 0.3112, 0.3133



83.5576, 0.3316, 0.3448

Complementary

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



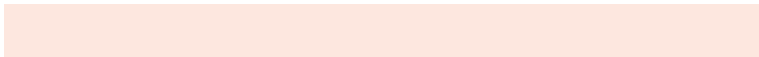
83.5576, 0.2955, 0.3290



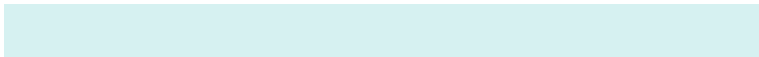
71.6285, 0.3328, 0.3290

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.



83.5576, 0.3338, 0.3378



83.5576, 0.2955, 0.3290



83.5576, 0.3219, 0.3198

Square

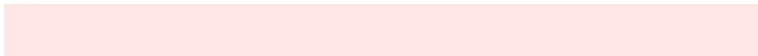
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5576, 0.2955, 0.3290



83.5576, 0.3011, 0.3108



83.5576, 0.3302, 0.3287



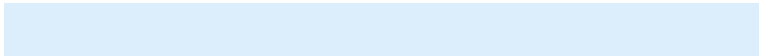
83.5576, 0.3243, 0.3477

Rectangle

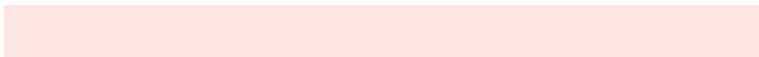
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



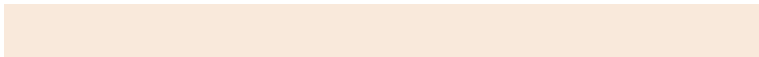
83.5576, 0.2955, 0.3290



83.5576, 0.2929, 0.3148



83.5576, 0.3302, 0.3287



83.5576, 0.3329, 0.3429

Sweetspot

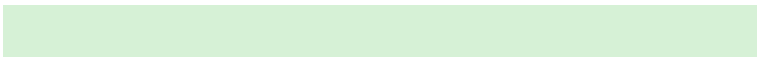
The Sweet Spot groups the original color and five complimentary colors.



83.5611, 0.2955, 0.3290



98.5769, 0.3080, 0.3290



82.1325, 0.3116, 0.3583



21.0202, 0.3068, 0.3290



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.



83.5611, 0.2955, 0.3290



94.2419, 0.2928, 0.3290



76.0936, 0.2952, 0.3150



17.9285, 0.2981, 0.3290



37.5446, 0.2248, 0.3293



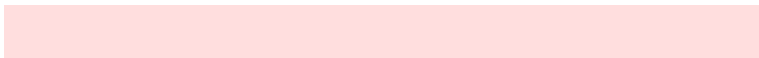
3.1235, 0.2248, 0.3292

Inverse Universe

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



71.6285, 0.3328, 0.3290



78.6921, 0.3365, 0.3290



78.5146, 0.3312, 0.3426



15.7593, 0.3293, 0.3290



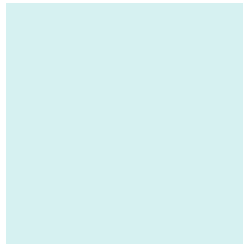
10.1418, 0.6399, 0.3299



0.8439, 0.6393, 0.3296

Previews

White Background



This preview shows how the Yxy color 83.5576, 0.2955, 0.3290 looks on a white background.

Color Contrast Check

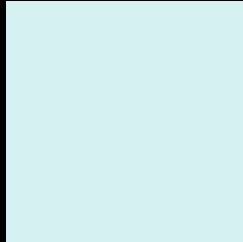
Large Text (above 18pt) WCAG AA × Fail

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 83.5576, 0.2955, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

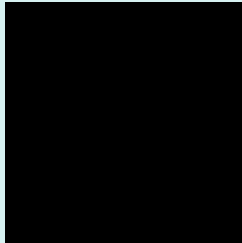
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

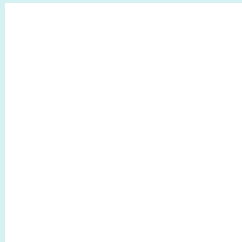
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.5576, 0.2955, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 83.5576, 0.2955, 0.3290.

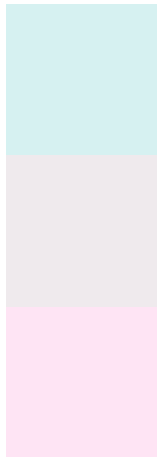


This preview shows how white text looks on a background with the Yxy color 83.5576, 0.2955, 0.3290.

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

83.5576, 0.2955, 0.3290

Protanopia

83.3108, 0.3142, 0.3260

Deuteranopia

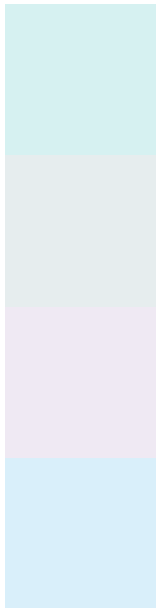
83.0893, 0.3203, 0.3133



Tritanopia

83.4291, 0.2906, 0.3114

Trichromacy



Original Color

83.5576, 0.2955, 0.3290

Protanomaly

83.5644, 0.3075, 0.3280

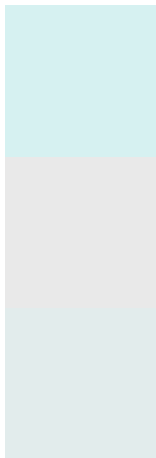
Deuteranomaly

83.0996, 0.3105, 0.3189

Tritanomaly

83.3868, 0.2922, 0.3175

Monochromacy



Original Color

83.5576, 0.2955, 0.3290

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.2158, 0.3061, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5576, 0.2955, 0.3290 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(214, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 241, 241)  
}
```

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(214, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 241) }
```

Border

The CSS property to change the border of an element to Yxy 83.5576, 0.2955, 0.3290 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(214, 241, 241) }
```

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

```
.border{ border-color:rgb(214, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5576, 0.2955, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 241) }
```

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

```
.background{ background-color: rgb(214,  
241, 241) }
```

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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