

Converting Colors

Yxy(80.2538, 0.2929, 0.3290)

Have a look what the booklet for
Yxy(80.2538, 0.2929, 0.3290)
contains.

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Color

Yxy(80.5875, 0.2928, 0.3289)

Conversions

Conversions Part 1	
Format	Color
Hex	CFEEEE
RGB	207, 238, 238
RGB Percent	81%, 93%, 93%
CMY	0.1883, 0.0667, 0.0665
CMYK	0.13, 0.00, 0.00, 0.07
HSL	180°, 48%, 87%
HSV	180°, 13%, 93%
XYZ	71.7422, 80.5875, 92.6916
YIQ	228.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

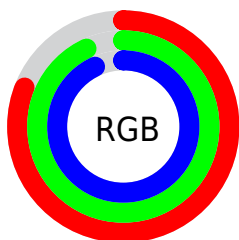
Format	Color
RYB	207, 223, 238
Decimal	13627118
CIELab	91.95, -10.04, -3.43
CIELCh	92, 10.614, 198.870
Yxy	80.5875, 0.2928, 0.3289
Android (android.graphics.Color)	4291817198 (0xFFCFEEEE)
YUV	228.7310, 4.5696, -19.0581
Hunter-Lab	89.7705, -14.4460, 1.6202

Details

The Yxy color 80.5875, 0.2928, 0.3289 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 67.3295, 0.3366, 0.3291, and the grayscale version is 78.1254, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 43.5087, 0.2882, 0.3289 is the 20% darker color. If you saturate the color by 10%, you get 77.4007, 0.2786, 0.3288, and if you desaturate by 10%, it is 84.2978, 0.3080, 0.3290.

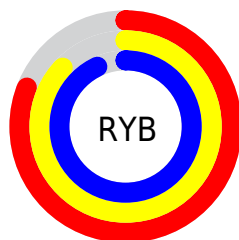
Distribution



Red (81%)

Green (93%)

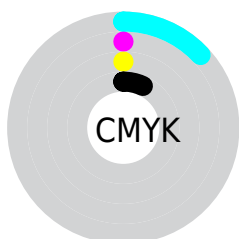
Blue (93%)



Red (81%)

Yellow (87%)

Blue (93%)

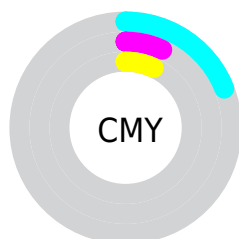


Cyan (13%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (19%)


Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.5875, 0.2928, 0.3289 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 80.5875, 0.2928, 0.3289 by changing the saturation by 10% instead.


 80.5875, 0.2928,
0.3289

 80.5875, 0.2928,
0.3289


496.9105, 0.3018,
0.3290

 60.2019, 0.2908,
0.3289

134.1914, 0.2959,
0.3290

 43.5814, 0.2883,
0.3288


168.1785, 0.2971,
0.3290

 30.3416, 0.2852,
0.3287


207.4683, 0.2981,
0.3290

 20.0980, 0.2813,
0.3286

252.4451, 0.2991,
0.3290

 12.4663, 0.2760,
0.3284

303.4933, 0.2999,
0.3290

 7.0621, 0.2685,
0.3280


360.9974, 0.3006,


 3.5010, 0.2572,


0.3290


0.3273

425.3417, 0.3012,
0.3290

 1.3985, 0.2384,
0.3257

 0.2156, 0.0000,
0.3123

 80.5875, 0.2928,
0.3289

 80.5875, 0.2928,
0.3289

 77.4007, 0.2786,
0.3288

 84.2978, 0.3080,
0.3290


 74.7044, 0.2657,
0.3288


 88.5433, 0.3238,
0.3291

 72.4771, 0.2543,
0.3287


 88.6347, 0.3240,
0.3291


 70.6918, 0.2447,
0.3286


 88.6508, 0.3240,
0.3291


 69.3189, 0.2370,
0.3286


 88.6670, 0.3240,
0.3291


 68.3250, 0.2312,
0.3285


 88.6832, 0.3240,
0.3292


 67.6716, 0.2274,
0.3285

 88.6994, 0.3240,
0.3292

 67.3121, 0.2253,
0.3284

 88.7155, 0.3240,
0.3292

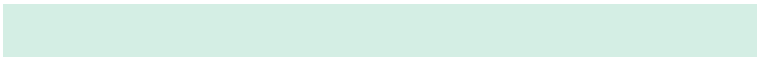
 67.1857, 0.2246,
0.3284

 88.7317, 0.3240,
0.3292

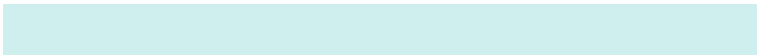
Harmonies

Analogous

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



80.5875, 0.3019, 0.3400



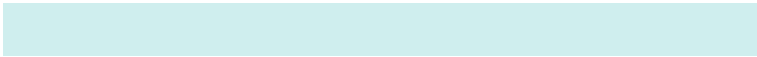
80.5875, 0.2928, 0.3289



80.5875, 0.2889, 0.3181

Triad

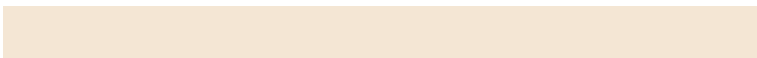
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5875, 0.2928, 0.3289



80.5875, 0.3110, 0.3109



80.5875, 0.3345, 0.3473

Complementary

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



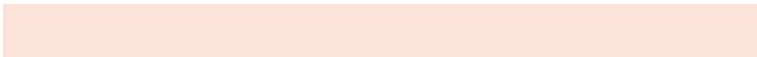
80.5875, 0.2928, 0.3289



67.3295, 0.3366, 0.3291

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.



80.5875, 0.3371, 0.3392



80.5875, 0.2928, 0.3289



80.5875, 0.3234, 0.3184

Square

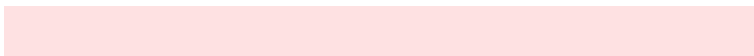
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5875, 0.2928, 0.3289



80.5875, 0.2993, 0.3080



80.5875, 0.3330, 0.3286



80.5875, 0.3260, 0.3507

Rectangle

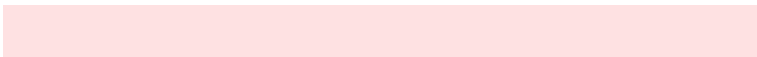
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5875, 0.2928, 0.3289



80.5875, 0.2898, 0.3126



80.5875, 0.3330, 0.3286



80.5875, 0.3361, 0.3450

Sweetspot

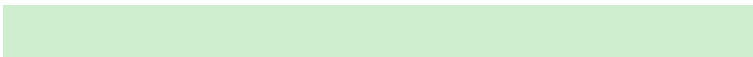
The Sweet Spot groups the original color and five complimentary colors.



80.5909, 0.2928, 0.3289



98.1089, 0.3065, 0.3290



78.9413, 0.3111, 0.3634



20.9257, 0.3053, 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.



80.5909, 0.2928, 0.3289



93.0359, 0.2884, 0.3289



71.9578, 0.2924, 0.3120



17.9256, 0.2981, 0.3289



37.4703, 0.2246, 0.3284



3.1182, 0.2246, 0.3284

Inverse Universe

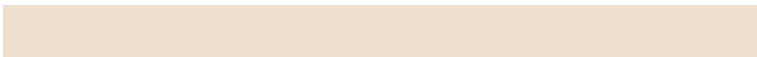
The Inverse Universe completely reimagines the original color for something new.



68.9805, 0.3143, 0.2969



76.6714, 0.3146, 0.2893



75.2064, 0.3344, 0.3454



16.0311, 0.3138, 0.3058



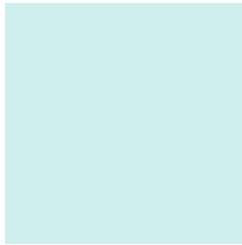
13.5760, 0.3212, 0.1543



1.1295, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 80.5875, 0.2928, 0.3289 looks on a white background.

Color Contrast Check

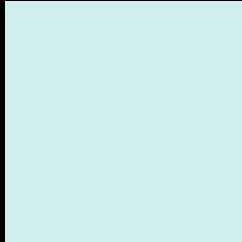
Large Text (above 18pt) WCAG AA × Fail

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 80.5875, 0.2928, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

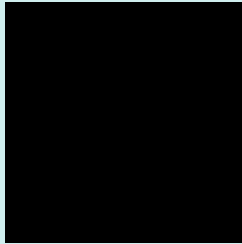
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

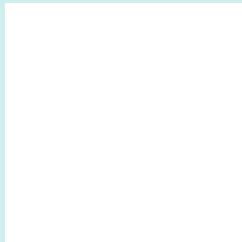
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.5875, 0.2928, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 80.5875, 0.2928, 0.3289.

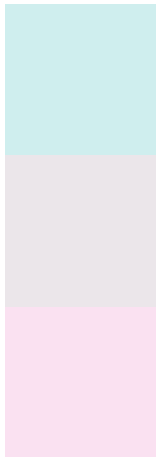


This preview shows how white text looks on a background with the Yxy color 80.5875, 0.2928, 0.3289.

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

80.5875, 0.2928, 0.3289

Protanopia

80.1963, 0.3136, 0.3249

Deuteranopia

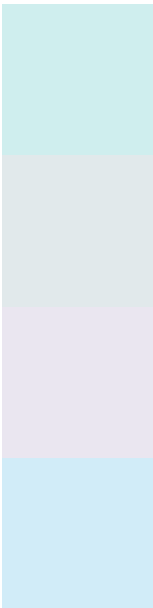
80.5253, 0.3197, 0.3131



Tritanopia

80.2741, 0.2855, 0.3090

Trichromacy



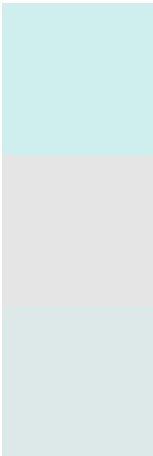
Original Color
80.5875, 0.2928, 0.3289

Protanomaly
80.2835, 0.3061, 0.3269

Deuteranomaly
80.3773, 0.3091, 0.3187

Tritanomaly
80.3235, 0.2883, 0.3162

Monochromacy



Original Color
80.5875, 0.2928, 0.3289

Achromatopsia
78.3538, 0.3127, 0.3290

Achromatomaly
78.9116, 0.3053, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.5875, 0.2928, 0.3289 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(207, 238, 238) looks like.

```
.text, #text, p{  
    color:rgb(207, 238, 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(207, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 238, 238) }
```

Border

The CSS property to change the border of an element to Yxy 80.5875, 0.2928, 0.3289 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(207, 238, 238) }
```

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

```
.border{ border-color:rgb(207, 238, 238) }
```

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

Here you see how a box with a 4 pixel rgb(207, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(207, 238,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 80.5875, 0.2928, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 238, 238) }
```

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

```
.background{ background-color: rgb(207,  
238, 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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