

Converting Colors

$Yxy(80.5809, 0.2975, 0.3287)$

Have a look what the booklet for
Yxy(80.5809, 0.2975, 0.3287)
contains.

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Color

Yxy(80.8289, 0.2971, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D5EDED
RGB	213, 237, 237
RGB Percent	84%, 93%, 93%
CMY	0.1650, 0.0705, 0.0707
CMYK	0.10, 0.00, 0.00, 0.07
HSL	180°, 40%, 88%
HSV	180°, 10%, 93%
XYZ	72.9917, 80.8289, 91.8600
YIQ	229.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

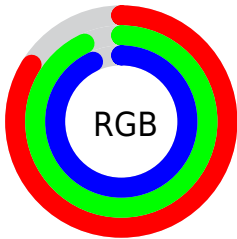
Format	Color
R_{YB}	213, 225, 237
Decimal	14020077
CIE _{Lab}	92.06, -7.88, -2.68
CIE _{LCh}	92, 8.323, 198.775
Yxy	80.8289, 0.2971, 0.3290
Android (android.graphics.Color)	4292210157 (0xFFD5EDED)
YUV	229.8240, 3.5378, -14.7546
Hunter-Lab	89.9049, -12.4136, 2.3541

Details

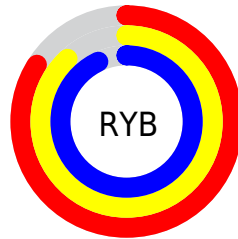
The Yxy color $80.8289, 0.2971, 0.3290$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $70.3621, 0.3307, 0.3290$, and the grayscale version is $78.9675, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.6530, 0.2936, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $77.5420, 0.2826, 0.3290$, and if you desaturate by 10%, it is $84.6405, 0.3125, 0.3290$.

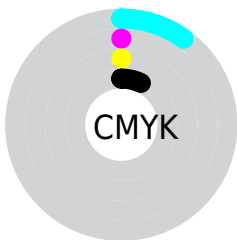
Distribution



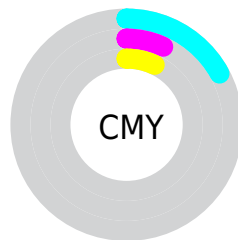
- Red (84%)
- Green (93%)
- Blue (93%)



- Red (84%)
- Yellow (88%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8289, 0.2971, 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 80.8289, 0.2971, 0.3290 by changing the saturation by 10% instead.

80.8289, 0.2971,
0.3290

80.8289, 0.2971,
0.3290

497.7219, 0.3042,
0.3291

60.4007, 0.2955,
0.3290

134.5305, 0.2995,
0.3290

43.7417, 0.2936,
0.3289

168.5727, 0.3005,
0.3290

30.4675, 0.2912,
0.3289

207.9216, 0.3013,
0.3290

20.1937, 0.2880,
0.3288

252.9618, 0.3020,
0.3290

12.5359, 0.2838,
0.3287

304.0775, 0.3027,
0.3290

7.1098, 0.2780,
0.3285

361.6531, 0.3032,

3.5308, 0.2690,

0.3290

426.0731, 0.3037,
0.3290

0.3281

1.4148, 0.2541,
0.3272

0.2276, 0.0348,
0.3315

80.8289, 0.2971,
0.3290

80.8289, 0.2971,
0.3290

77.5420, 0.2826,
0.3290

84.6405, 0.3125,
0.3290

74.7473, 0.2693,
0.3290


87.9627, 0.3248,
0.3290

72.4242, 0.2575,
0.3291


87.9654, 0.3247,
0.3290

70.5465, 0.2474,
0.3291

87.9680, 0.3247,
0.3289


 69.0859, 0.2392,
0.3291


 87.9706, 0.3247,
0.3289

 68.0104, 0.2329,
0.3292


 87.9732, 0.3246,
0.3288


 67.2837, 0.2285,
0.3292

 87.9759, 0.3246,
0.3288

 66.8623, 0.2260,
0.3293

 87.9785, 0.3246,
0.3287

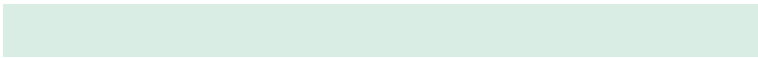
 66.6740, 0.2248,
0.3293

 87.9811, 0.3246,
0.3287

Harmonies

Analogous

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



80.8289, 0.3043, 0.3376



80.8289, 0.2971, 0.3290



80.8289, 0.2940, 0.3206

Triad

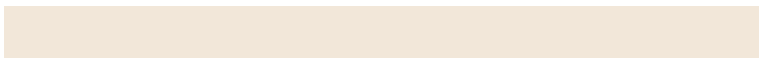
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8289, 0.2971, 0.3290



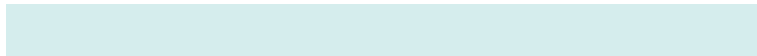
80.8289, 0.3114, 0.3147



80.8289, 0.3298, 0.3434

Complementary

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



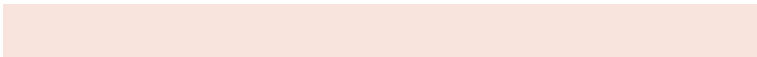
80.8289, 0.2971, 0.3290



70.3621, 0.3307, 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.



80.8289, 0.3318, 0.3370



80.8289, 0.2971, 0.3290



80.8289, 0.3211, 0.3206

Square

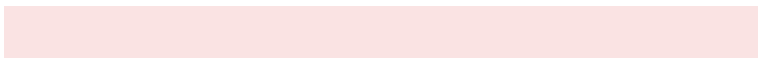
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8289, 0.2971, 0.3290



80.8289, 0.3022, 0.3125



80.8289, 0.3286, 0.3287



80.8289, 0.3232, 0.3459

Rectangle

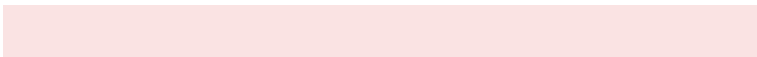
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8289, 0.2971, 0.3290



80.8289, 0.2947, 0.3162



80.8289, 0.3286, 0.3287



80.8289, 0.3310, 0.3416

Sweetspot

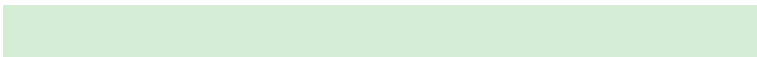
The Sweet Spot groups the original color and five complimentary colors.



80.8323, 0.2971, 0.3290



98.5769, 0.3080, 0.3290



79.5793, 0.3117, 0.3553



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.



80.8323, 0.2971, 0.3290



94.6476, 0.2943, 0.3290



74.3055, 0.2969, 0.3164



17.1214, 0.2982, 0.3290



36.3923, 0.2248, 0.3293



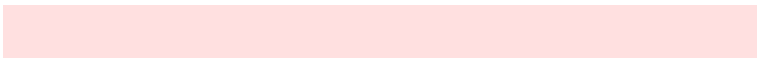
2.8578, 0.2248, 0.3292

Inverse Universe

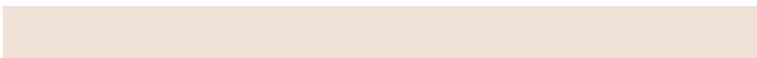
The Inverse Universe completely reimagines the original color for something new.



70.3621, 0.3307, 0.3290



80.1933, 0.3345, 0.3290



76.4298, 0.3293, 0.3413



15.0545, 0.3293, 0.3290



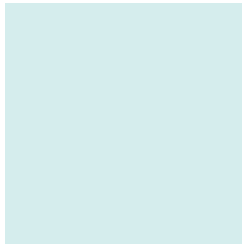
9.8306, 0.6399, 0.3299



0.7721, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 80.8289, 0.2971, 0.3290 looks on a white background.

Color Contrast Check

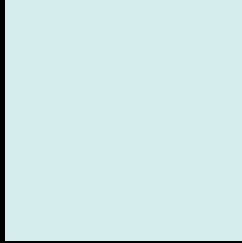
Large Text (above 18pt) WCAG AA × Fail

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 80.8289, 0.2971, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

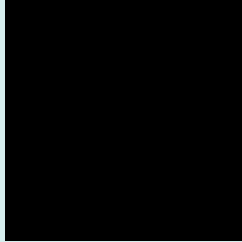
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

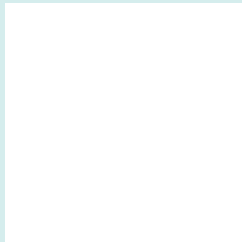
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8289, 0.2971, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 80.8289, 0.2971, 0.3290.

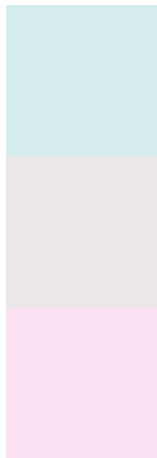


This preview shows how white text looks on a background with the Yxy color 80.8289, 0.2971, 0.3290.

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

80.8289, 0.2971, 0.3290

Protanopia

80.6972, 0.3142, 0.3269

Deuteranopia

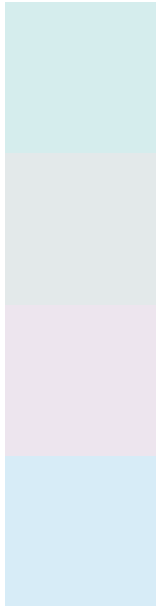
80.5917, 0.3217, 0.3151



Tritanopia

81.1074, 0.2898, 0.3102

Trichromacy



Original Color

80.8289, 0.2971, 0.3290

Protanomaly

80.5492, 0.3081, 0.3279

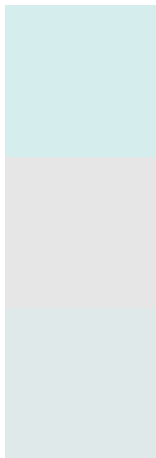
Deuteranomaly

80.2162, 0.3125, 0.3198

Tritanomaly

81.1534, 0.2926, 0.3174

Monochromacy



Original Color

80.8289, 0.2971, 0.3290

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

80.0083, 0.3067, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8289, 0.2971, 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(213, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 237, 237)  
}
```

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(213, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 80.8289, 0.2971, 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(213, 237, 237) }
```

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

```
.border{ border-color:rgb(213, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8289, 0.2971, 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(213, 237, 237) }
```

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

```
.background{ background-color: rgb(213,  
237, 237) }
```

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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