

Converting Colors

$Yxy(79.6914, 0.2981, 0.3365)$

Have a look what the booklet for
Yxy(79.6914, 0.2981, 0.3365)
contains.

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Color

Yxy(79.6914, 0.2981, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	D0EDE6
RGB	208, 237, 230
RGB Percent	82%, 93%, 90%
CMY	0.1840, 0.0706, 0.0980
CMYK	0.12, 0.00, 0.03, 0.07
HSL	166°, 45%, 87%
HSV	166°, 12%, 93%
XYZ	70.5973, 79.6914, 86.5356
YIQ	227.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

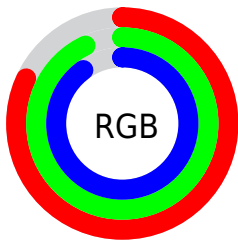
Format	Color
R _Y B	208, 224, 237
Decimal	13692390
CIE Lab	91.55, -10.75, 0.17
CIE LCh	92, 10.748, 179.108
Yxy	79.6914, 0.2981, 0.3365
Android (android.graphics.Color)	4291882470 (0xFFD0EDE6)
YUV	227.5310, 1.2172, -17.1287
Hunter-Lab	89.2700, -15.0596, 5.0151

Details

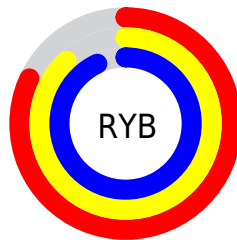
The Yxy color **79.6914, 0.2981, 0.3365** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.0607, 0.3297, 0.3216**, and the grayscale version is **77.2336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9152, 0.2941, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **76.1951, 0.2867, 0.3433**, and if you desaturate by 10%, it is **83.7182, 0.3100, 0.3303**.

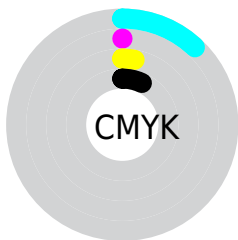
Distribution



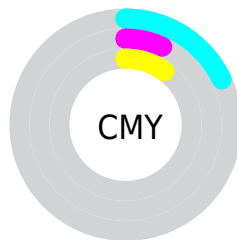
- Red (82%)
- Green (93%)
- Blue (90%)



- Red (82%)
- Yellow (88%)
- Blue (93%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6914, 0.2981, 0.3365 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 79.6914, 0.2981, 0.3365 by changing the saturation by 10% instead.

79.6914, 0.2981,
0.3365

79.6914, 0.2981,
0.3365

493.8922, 0.3048,
0.3331

59.4644, 0.2966,
0.3373

132.9318, 0.3004,
0.3353

42.9871, 0.2948,
0.3382

166.7140, 0.3013,
0.3349

29.8750, 0.2925,
0.3394

205.7834, 0.3021,
0.3345

19.7437, 0.2895,
0.3409

250.5244, 0.3027,
0.3341

12.2089, 0.2854,
0.3430

301.3214, 0.3033,
0.3338

6.8861, 0.2797,
0.3459

358.5587, 0.3039,

3.3910, 0.2710,

0.3336

0.3504

422.6209, 0.3043,
0.3333

■ 1.3391, 0.2561,
0.3581

■ 0.1712, 0.0000,
0.4949

■ 79.6914, 0.2981,
0.3365

■ 79.6914, 0.2981,
0.3365

■ 76.1951, 0.2867,
0.3433

■ 83.7182, 0.3100,
0.3303

■ 73.1964, 0.2763,
0.3508


■ 88.1965, 0.3220,
0.3247

■ 70.6743, 0.2669,
0.3587

■ 88.5441, 0.3184,
0.3192

■ 68.6022, 0.2591,
0.3672


■ 88.9025, 0.3148,
0.3137

 66.9509, 0.2530,
0.3759

 89.0393, 0.3135,
0.3117

 65.6876, 0.2488,
0.3849

 64.7747, 0.2466,
0.3940

 64.1669, 0.2463,
0.4030

 63.8491, 0.2472,
0.4099

Harmonies

Analogous

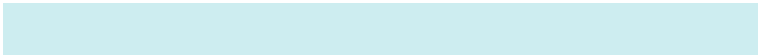
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6914, 0.3097, 0.3461



79.6914, 0.2981, 0.3365



79.6914, 0.2905, 0.3249

Triad

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



79.6914, 0.2981, 0.3365



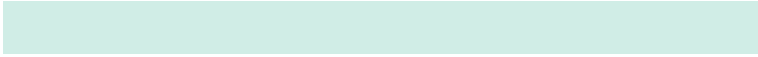
79.6914, 0.3029, 0.3081



79.6914, 0.3374, 0.3426

Complementary

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



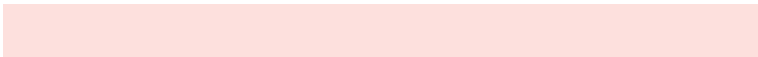
79.6914, 0.2981, 0.3365



68.0607, 0.3297, 0.3216

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.



79.6914, 0.3355, 0.3324



79.6914, 0.2981, 0.3365



79.6914, 0.3154, 0.3128

Square

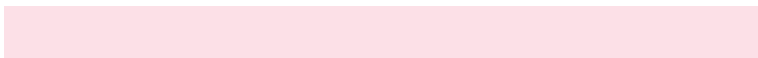
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



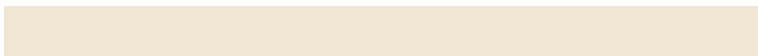
79.6914, 0.2981, 0.3365



79.6914, 0.2931, 0.3088



79.6914, 0.3274, 0.3216



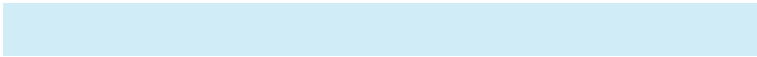
79.6914, 0.3325, 0.3494

Rectangle

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



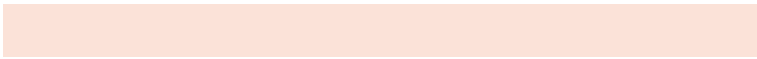
79.6914, 0.2981, 0.3365



79.6914, 0.2886, 0.3178



79.6914, 0.3274, 0.3216



79.6914, 0.3375, 0.3394

Sweetspot

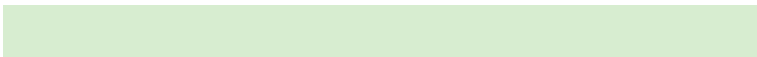
The Sweet Spot groups the original color and five complimentary colors.



79.6947, 0.2981, 0.3365



97.9592, 0.3078, 0.3314



79.6105, 0.3161, 0.3605



20.8876, 0.3069, 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.



79.6947, 0.2981, 0.3365



92.8738, 0.2948, 0.3384



75.9938, 0.2939, 0.3211



17.0562, 0.3013, 0.3347



34.8861, 0.2468, 0.4085



2.7543, 0.2434, 0.3960

Inverse Universe

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



68.0607, 0.3297, 0.3216



76.2462, 0.3344, 0.3198



71.3162, 0.3338, 0.3368



15.1136, 0.3255, 0.3233



10.0089, 0.5954, 0.3054



0.8007, 0.5566, 0.2840

Previews

White Background



This preview shows how the Yxy color 79.6914, 0.2981, 0.3365 looks on a white background.

Color Contrast Check

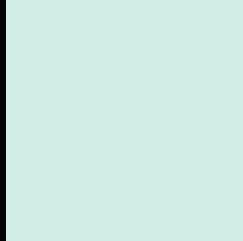
Large Text (above 18pt) WCAG AA × Fail

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 79.6914, 0.2981, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

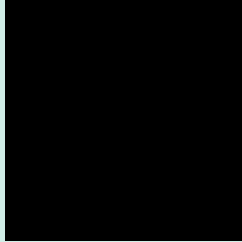
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

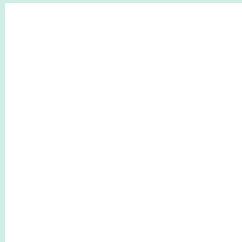
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6914, 0.2981, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 79.6914, 0.2981, 0.3365.

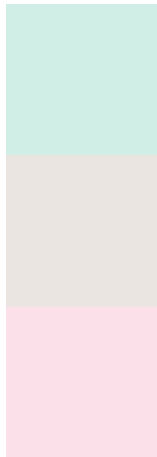


This preview shows how white text looks on a background with the Yxy color 79.6914, 0.2981, 0.3365.

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

79.6914, 0.2981, 0.3365

Protanopia

79.1918, 0.3188, 0.3321

Deuteranopia

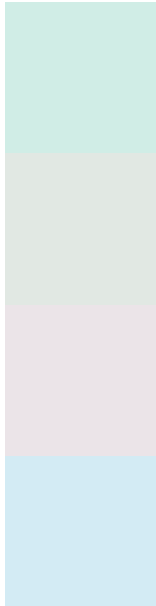
79.1678, 0.3259, 0.3190



Tritanopia

79.8710, 0.2878, 0.3100

Trichromacy



Original Color

79.6914, 0.2981, 0.3365

Protanomaly

79.2668, 0.3111, 0.3343

Deuteranomaly

78.9752, 0.3150, 0.3249

Tritanomaly

79.7972, 0.2918, 0.3194

Monochromacy



Original Color

79.6914, 0.2981, 0.3365

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.1811, 0.3072, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6914, 0.2981, 0.3365 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(208, 237, 230)` looks like.

```
.text, #text, p{  
    color:rgb(208, 237, 230)  
}
```

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(208, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 237, 230) }
```

Border

The CSS property to change the border of an element to Yxy 79.6914, 0.2981, 0.3365 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(208, 237, 230) }
```

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

```
.border{ border-color:rgb(208, 237, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 237, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(208, 237,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6914, 0.2981, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 237, 230) }
```

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

```
.background{ background-color: rgb(208,  
237, 230) }
```

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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