

Converting Colors

$Yxy(79.1137, 0.2964, 0.3290)$

Have a look what the booklet for
Yxy(79.1137, 0.2964, 0.3290)
contains.

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Color

Yxy(79.1165, 0.2964, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D2EBEB
RGB	210, 235, 235
RGB Percent	82%, 92%, 92%
CMY	0.1765, 0.0784, 0.0786
CMYK	0.11, 0.00, 0.00, 0.08
HSL	180°, 38%, 87%
HSV	180°, 11%, 92%
XYZ	71.2770, 79.1165, 90.0822
YIQ	227.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

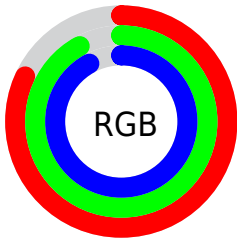
Format	Color
R _Y B	210, 223, 235
Decimal	13822955
CIE Lab	91.29, -8.18, -2.78
CIE LCh	91, 8.640, 198.747
Yxy	79.1165, 0.2964, 0.3290
Android (android.graphics.Color)	4292013035 (0xFFD2EBEB)
YUV	227.5250, 3.6852, -15.3694
Hunter-Lab	88.9475, -12.6192, 2.2168

Details

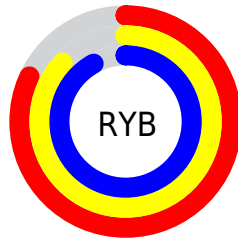
The Yxy color **79.1165, 0.2964, 0.3290** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.4120, 0.3316, 0.3290**, and the grayscale version is **77.1992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4634, 0.2926, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **75.9174, 0.2820, 0.3290**, and if you desaturate by 10%, it is **82.8288, 0.3117, 0.3290**.

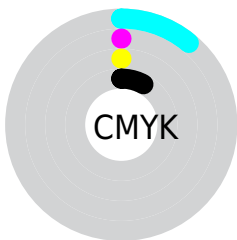
Distribution



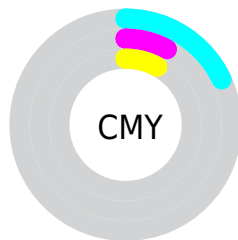
- Red (82%)
- Green (92%)
- Blue (92%)



- Red (82%)
- Yellow (87%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1165, 0.2964, 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 79.1165, 0.2964, 0.3290 by changing the saturation by 10% instead.

79.1165, 0.2964,
0.3290

79.1165, 0.2964,
0.3290

491.9504, 0.3038,
0.3291

58.9916, 0.2947,
0.3290

132.1229, 0.2989,
0.3290

42.6064, 0.2927,
0.3289

165.7731, 0.2999,
0.3290

29.5764, 0.2901,
0.3289

204.7006, 0.3008,
0.3290

19.5173, 0.2868,
0.3288

249.2897, 0.3016,
0.3290

12.0446, 0.2824,
0.3287

299.9248, 0.3022,
0.3290

6.7741, 0.2761,
0.3285

356.9904, 0.3028,

3.3212, 0.2665,

0.3291

420.8708, 0.3033,
0.3291

0.3280

1.3016, 0.2503,
0.3269

0.1425, 0.0000,
0.2897

79.1165, 0.2964,
0.3290

79.1165, 0.2964,
0.3290

75.9174, 0.2820,
0.3290

82.8288, 0.3117,
0.3290

73.1994, 0.2688,
0.3290

86.6834, 0.3262,
0.3290

70.9424, 0.2570,
0.3291


86.6860, 0.3262,
0.3290

69.1208, 0.2470,
0.3291


86.6885, 0.3262,
0.3289


 67.7064, 0.2388,
0.3291

 86.6911, 0.3261,
0.3289

 66.6680, 0.2326,
0.3292


 86.6936, 0.3261,
0.3288

 65.9696, 0.2284,
0.3292

 86.6962, 0.3261,
0.3288

 65.5684, 0.2259,
0.3293

 86.6987, 0.3261,
0.3287

 65.3955, 0.2248,
0.3293

 86.7013, 0.3260,
0.3287

Harmonies

Analogous

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



79.1165, 0.3039, 0.3380



79.1165, 0.2964, 0.3290



79.1165, 0.2932, 0.3202

Triad

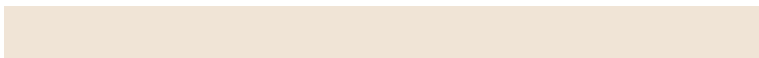
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1165, 0.2964, 0.3290



79.1165, 0.3113, 0.3141



79.1165, 0.3306, 0.3440

Complementary

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



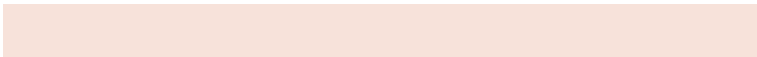
79.1165, 0.2964, 0.3290



68.4120, 0.3316, 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.



79.1165, 0.3327, 0.3374



79.1165, 0.2964, 0.3290



79.1165, 0.3214, 0.3203

Square

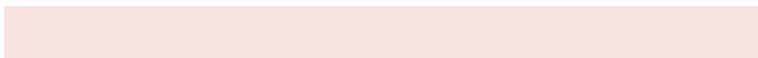
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1165, 0.2964, 0.3290



79.1165, 0.3017, 0.3118



79.1165, 0.3293, 0.3287



79.1165, 0.3237, 0.3467

Rectangle

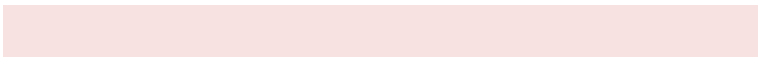
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1165, 0.2964, 0.3290



79.1165, 0.2939, 0.3156



79.1165, 0.3293, 0.3287



79.1165, 0.3319, 0.3422

Sweetspot

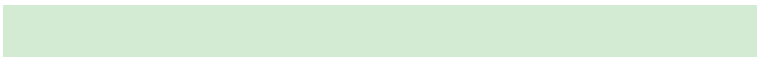
The Sweet Spot groups the original color and five complimentary colors.



79.1198, 0.2964, 0.3290



98.5769, 0.3080, 0.3290



77.8382, 0.3117, 0.3566



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.



79.1198, 0.2964, 0.3290



94.2419, 0.2928, 0.3290



72.4336, 0.2962, 0.3158



17.1214, 0.2982, 0.3290



36.3924, 0.2248, 0.3293



2.8578, 0.2248, 0.3292

Inverse Universe

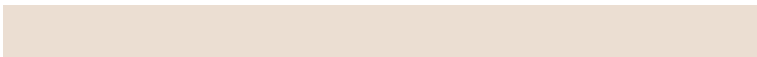
The Inverse Universe completely reimagines the original color for something new.



68.4120, 0.3316, 0.3290



78.6921, 0.3365, 0.3290



74.6061, 0.3301, 0.3419



15.0545, 0.3293, 0.3290



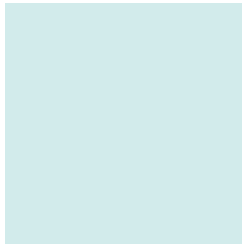
9.8305, 0.6399, 0.3299



0.7721, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 79.1165, 0.2964, 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 79.1165, 0.2964, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

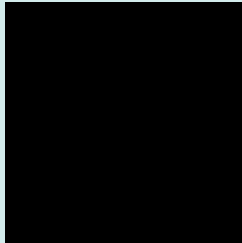
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

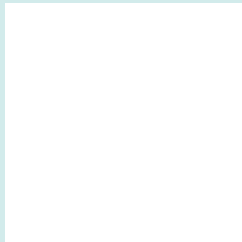
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1165, 0.2964, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 79.1165, 0.2964, 0.3290.

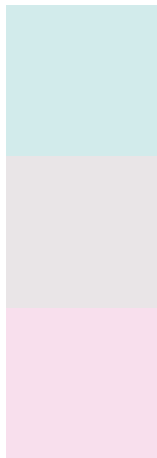


This preview shows how white text looks on a background with the Yxy color 79.1165, 0.2964, 0.3290.

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

79.1165, 0.2964, 0.3290

Protanopia

79.1318, 0.3142, 0.3269

Deuteranopia

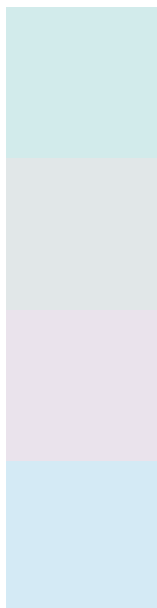
78.8462, 0.3211, 0.3150



Tritanopia

79.3890, 0.2890, 0.3100

Trichromacy



Original Color

79.1165, 0.2964, 0.3290

Protanomaly

78.9856, 0.3080, 0.3279

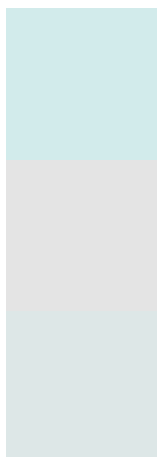
Deuteranomaly

78.4867, 0.3118, 0.3197

Tritanomaly

79.4353, 0.2918, 0.3173

Monochromacy



Original Color

79.1165, 0.2964, 0.3290

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.2935, 0.3060, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1165, 0.2964, 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(210, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(210, 235, 235)  
}
```

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(210, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 235, 235) }
```

Border

The CSS property to change the border of an element to Yxy 79.1165, 0.2964, 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(210, 235, 235) }
```

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

```
.border{ border-color:rgb(210, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 235, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 235, 235); box-shadow:4px 4px 4px 4px rgb(210, 235, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1165, 0.2964, 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(210, 235, 235) }
```

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

```
.background{ background-color: rgb(210,  
235, 235) }
```

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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