

Converting Colors

$Yxy(79.4040, 0.2910, 0.3246)$

Have a look what the booklet for
Yxy(79.4040, 0.2910, 0.3246)
contains.

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Color

Yxy(79.4040, 0.2910, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	CEECF0
RGB	206, 236, 240
RGB Percent	81%, 93%, 94%
CMY	0.1921, 0.0745, 0.0587
CMYK	0.14, 0.02, 0.00, 0.06
HSL	187°, 53%, 87%
HSV	187°, 14%, 94%
XYZ	71.1847, 79.4040, 94.0323
YIQ	227.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

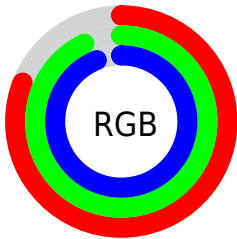
Format	Color
R _Y B	206, 222, 240
Decimal	13561072
CIE Lab	91.42, -8.94, -5.26
CIE LCh	91, 10.369, 210.471
Yxy	79.4040, 0.2910, 0.3246
Android (android.graphics.Color)	4291751152 (0xFFCEECF0)
YUV	227.4860, 6.1694, -18.8432
Hunter-Lab	89.1089, -13.3457, -0.1896

Details

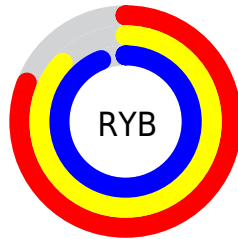
The Yxy color **79.4040, 0.2910, 0.3246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1072, 0.3384, 0.3334**, and the grayscale version is **77.1585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6825, 0.2858, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **74.6047, 0.2764, 0.3212**, and if you desaturate by 10%, it is **84.7606, 0.3062, 0.3278**.

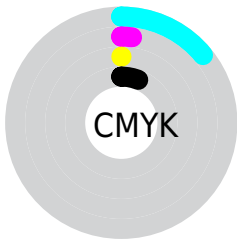
Distribution



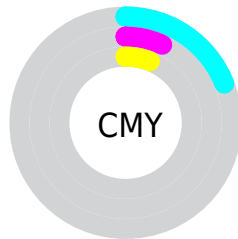
- Red (81%)
- Green (93%)
- Blue (94%)



- Red (81%)
- Yellow (87%)
- Blue (94%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.4040, 0.2910, 0.3246 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 79.4040, 0.2910, 0.3246 by changing the saturation by 10% instead.

■ 79.4040, 0.2910,
0.3246

■ 79.4040, 0.2910,
0.3246

492.9220, 0.3008,
0.3267

■ 59.2280, 0.2888,
0.3241

132.5275, 0.2944,
0.3253

■ 42.7967, 0.2861,
0.3235

166.2437, 0.2957,
0.3256

■ 29.7256, 0.2827,
0.3227

205.2422, 0.2968,
0.3259

■ 19.6304, 0.2784,
0.3217

249.9074, 0.2978,
0.3261

■ 12.1267, 0.2726,
0.3202

300.6235, 0.2987,
0.3263

■ 6.8300, 0.2644,
0.3181

357.7751, 0.2995,

■ 3.3560, 0.2520,

0.3264

0.3146

421.7464, 0.3002,
0.3266

■ 1.3203, 0.2314,
0.3082

■ 0.1568, 0.0000,
0.2256

■ 79.4040, 0.2910,
0.3246

■ 79.4040, 0.2910,
0.3246

■ 74.6047, 0.2764,
0.3212

■ 84.7606, 0.3062,
0.3278

■ 70.3289, 0.2628,
0.3175

■ 90.6869, 0.3219,
0.3306

■ 66.5543, 0.2505,
0.3136

■ 92.5742, 0.3223,
0.3334

■ 63.2530, 0.2397,
0.3096

■ 94.3043, 0.3220,
0.3361

■ 60.3942, 0.2308,
0.3054

■ 96.0610, 0.3218,
0.3389

■ 57.9433, 0.2237,
0.3012

■ 97.8444, 0.3216,
0.3416

■ 55.8601, 0.2186,
0.2971

■ 99.0729, 0.3214,
0.3434

■ 54.0955, 0.2153,
0.2929

■ 53.1703, 0.2141,
0.2906

Harmonies

Analogous

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



79.4040, 0.2982, 0.3358



79.4040, 0.2910, 0.3246



79.4040, 0.2895, 0.3149

Triad

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



79.4040, 0.2910, 0.3246



79.4040, 0.3159, 0.3136



79.4040, 0.3315, 0.3489

Complementary

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



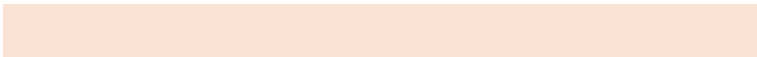
79.4040, 0.2910, 0.3246



69.1072, 0.3384, 0.3334

Split Complementary

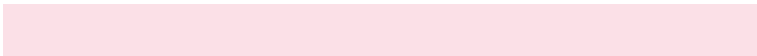
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4040, 0.3364, 0.3425



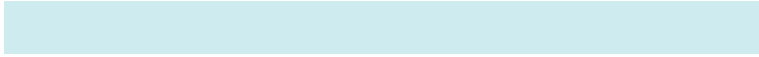
79.4040, 0.2910, 0.3246



79.4040, 0.3273, 0.3223

Square

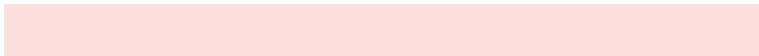
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4040, 0.2910, 0.3246



79.4040, 0.3037, 0.3089



79.4040, 0.3349, 0.3327



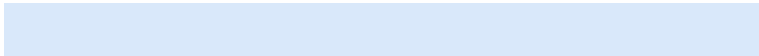
79.4040, 0.3215, 0.3500

Rectangle

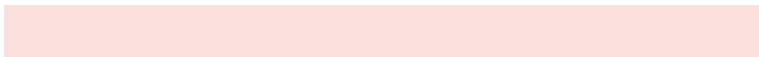
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



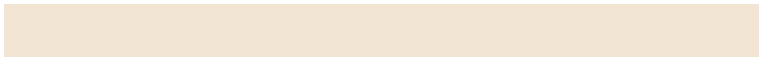
79.4040, 0.2910, 0.3246



79.4040, 0.2920, 0.3106



79.4040, 0.3349, 0.3327



79.4040, 0.3338, 0.3473

Sweetspot

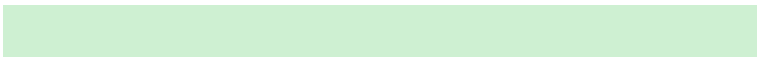
The Sweet Spot groups the original color and five complimentary colors.



79.4073, 0.2910, 0.3246



97.3477, 0.3065, 0.3278



80.1139, 0.3086, 0.3622



20.7322, 0.3053, 0.3276



0.0000, 0.0000, 0.0000



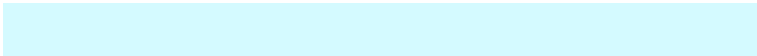
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4073, 0.2910, 0.3246



89.4508, 0.2867, 0.3236



70.1117, 0.2904, 0.3060



17.5904, 0.2981, 0.3261



29.2286, 0.2142, 0.2912



2.5211, 0.2157, 0.2966

Inverse Universe

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



68.7401, 0.3172, 0.2980



75.0657, 0.3182, 0.2915



77.9214, 0.3358, 0.3510



15.9973, 0.3156, 0.3084



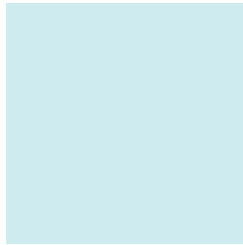
12.7440, 0.3532, 0.1720



1.0692, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 79.4040, 0.2910, 0.3246 looks on a white background.

Color Contrast Check

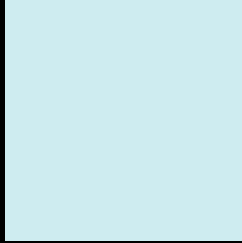
Large Text (above 18pt) WCAG AA × Fail

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 79.4040, 0.2910, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

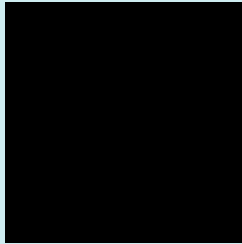
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

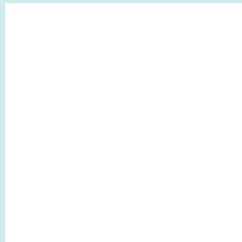
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4040, 0.2910, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 79.4040, 0.2910, 0.3246.

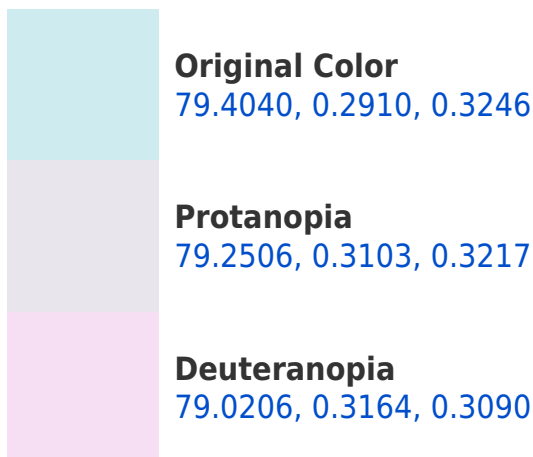


This preview shows how white text looks on a background with the Yxy color 79.4040, 0.2910, 0.3246.

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

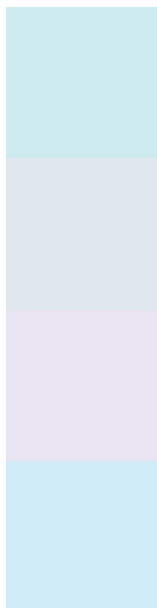




Tritanopia

79.3474, 0.2848, 0.3089

Trichromacy



Original Color

79.4040, 0.2910, 0.3246

Protanomaly

79.5156, 0.3036, 0.3237

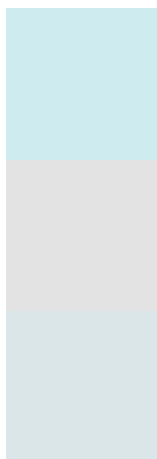
Deuteranomaly

79.0534, 0.3066, 0.3146

Tritanomaly

79.4594, 0.2870, 0.3151

Monochromacy



Original Color

79.4040, 0.2910, 0.3246

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4799, 0.3040, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4040, 0.2910, 0.3246 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(206, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(206, 236, 240)  
}
```

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(206, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 236, 240) }
```

Border

The CSS property to change the border of an element to Yxy 79.4040, 0.2910, 0.3246 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(206, 236, 240) }
```

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

```
.border{ border-color:rgb(206, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(206, 236,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4040, 0.2910, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 236, 240) }
```

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

```
.background{ background-color: rgb(206,  
236, 240) }
```

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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