

Converting Colors

$Yxy(79.0934, 0.2883, 0.3215)$

Have a look what the booklet for
Yxy(79.0934, 0.2883, 0.3215)
contains.

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Color

Yxy(79.2993, 0.2881, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	CCECF3
RGB	204, 236, 243
RGB Percent	80%, 93%, 95%
CMY	0.1998, 0.0745, 0.0471
CMYK	0.16, 0.03, 0.00, 0.05
HSL	191°, 62%, 88%
HSV	191°, 16%, 95%
XYZ	71.0832, 79.2993, 96.3484
YIQ	227.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

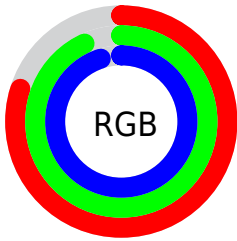
Format	Color
R_{YB}	204, 222, 243
Decimal	13430003
CIE _{Lab}	91.37, -8.95, -6.89
CIE _{LCh}	91, 11.295, 217.595
Yxy	79.2993, 0.2881, 0.3214
Android (android.graphics.Color)	4291620083 (0xFFCCECF3)
YUV	227.2300, 7.7746, -20.3727
Hunter-Lab	89.0502, -13.3524, -1.8141

Details

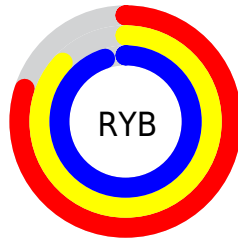
The Yxy color **79.2993, 0.2881, 0.3214** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.0275, 0.3420, 0.3365**, and the grayscale version is **76.9531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6199, 0.2822, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **73.6474, 0.2734, 0.3161**, and if you desaturate by 10%, it is **85.5550, 0.3034, 0.3263**.

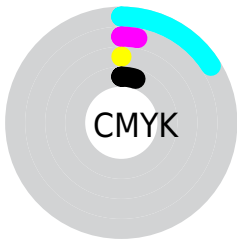
Distribution



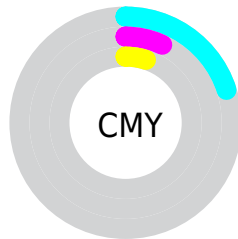
- Red (80%)
- Green (93%)
- Blue (95%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2993, 0.2881, 0.3214 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 79.2993, 0.2881, 0.3214 by changing the saturation by 10% instead.

■ 79.2993, 0.2881,
0.3214

■ 79.2993, 0.2881,
0.3214

492.5683, 0.2992,
0.3250

■ 59.1419, 0.2856,
0.3206

132.3801, 0.2919,
0.3227

■ 42.7274, 0.2826,
0.3195

166.0724, 0.2934,
0.3231

■ 29.6713, 0.2788,
0.3182

205.0450, 0.2947,
0.3236

■ 19.5892, 0.2739,
0.3165

249.6825, 0.2958,
0.3239

■ 12.0968, 0.2673,
0.3141

300.3692, 0.2968,
0.3242

■ 6.8096, 0.2581,
0.3106

357.4894, 0.2977,

■ 3.3433, 0.2443,

0.3245

0.3051

421.4277, 0.2985,
0.3248

■ 1.3135, 0.2214,
0.2951

■ 0.1516, 0.0000,
0.1899

■ 79.2993, 0.2881,
0.3214

■ 79.2993, 0.2881,
0.3214

■ 73.6474, 0.2734,
0.3161

■ 85.5550, 0.3034,
0.3263

■ 68.5642, 0.2595,
0.3104

■ 92.4281, 0.3189,
0.3307

■ 64.0259, 0.2468,
0.3044

■ 95.5419, 0.3201,
0.3349

■ 60.0029, 0.2356,
0.2981

■ 98.2746, 0.3198,
0.3391

■ 56.4625, 0.2262,
0.2916

■ 99.2507, 0.3197,
0.3405

■ 53.3677, 0.2186,
0.2850

■ 50.6755, 0.2130,
0.2785

■ 48.3324, 0.2093,
0.2720

■ 47.4657, 0.2082,
0.2694

Harmonies

Analogous

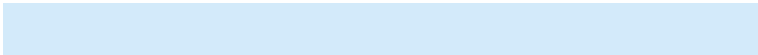
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2993, 0.2945, 0.3335



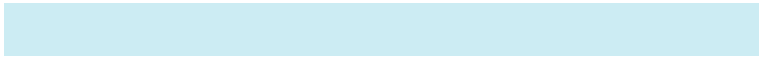
79.2993, 0.2881, 0.3214



79.2993, 0.2881, 0.3117

Triad

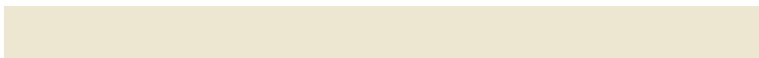
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2993, 0.2881, 0.3214



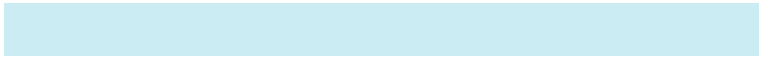
79.2993, 0.3193, 0.3142



79.2993, 0.3309, 0.3516

Complementary

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



79.2993, 0.2881, 0.3214



70.0275, 0.3420, 0.3365

Split Complementary

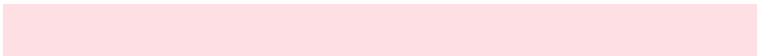
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2993, 0.3379, 0.3458



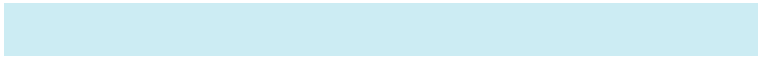
79.2993, 0.2881, 0.3214



79.2993, 0.3311, 0.3243

Square

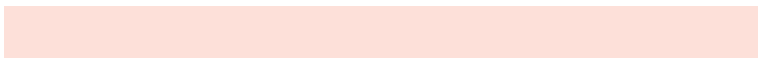
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



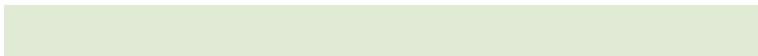
79.2993, 0.2881, 0.3214



79.2993, 0.3059, 0.3079



79.2993, 0.3380, 0.3358



79.2993, 0.3192, 0.3512

Rectangle

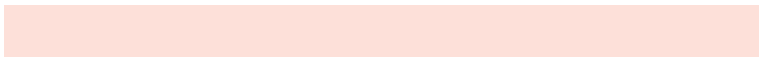
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



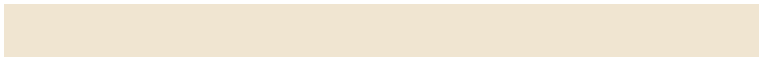
79.2993, 0.2881, 0.3214



79.2993, 0.2917, 0.3079



79.2993, 0.3380, 0.3358



79.2993, 0.3339, 0.3503

Sweetspot

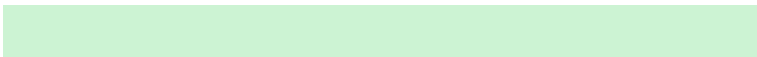
The Sweet Spot groups the original color and five complimentary colors.



79.3026, 0.2881, 0.3214



96.2081, 0.3049, 0.3267



81.6220, 0.3069, 0.3648



20.4814, 0.3039, 0.3264



0.0000, 0.0000, 0.0000



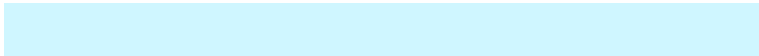
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3026, 0.2881, 0.3214



86.5101, 0.2836, 0.3198



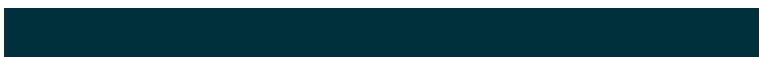
68.9557, 0.2872, 0.3005



18.2215, 0.2980, 0.3246



26.2338, 0.2085, 0.2705



2.4350, 0.2107, 0.2786

Inverse Universe

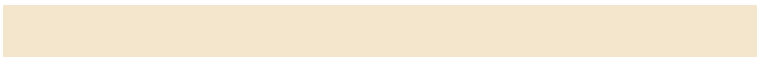
The Inverse Universe completely reimagines the original color for something new.



68.3176, 0.3195, 0.2962



72.3397, 0.3210, 0.2898



80.0160, 0.3389, 0.3560



16.7142, 0.3165, 0.3098



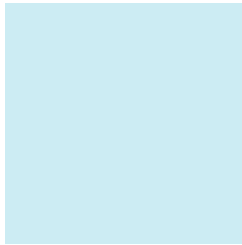
12.7477, 0.3724, 0.1825



1.1334, 0.3648, 0.1783

Previews

White Background



This preview shows how the Yxy color 79.2993, 0.2881, 0.3214 looks on a white background.

Color Contrast Check

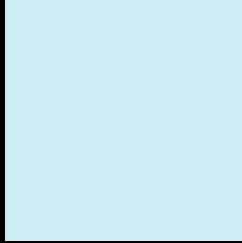
Large Text (above 18pt) WCAG AA × Fail

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 79.2993, 0.2881, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

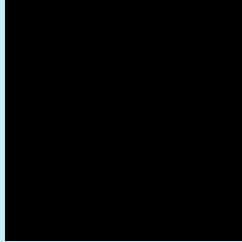
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

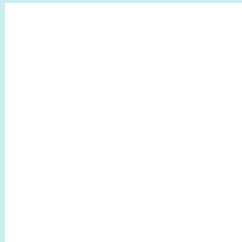
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2993, 0.2881, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 79.2993, 0.2881, 0.3214.

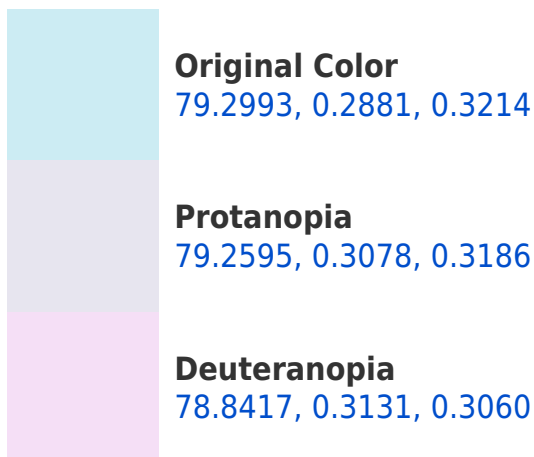


This preview shows how white text looks on a background with the Yxy color 79.2993, 0.2881, 0.3214.

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

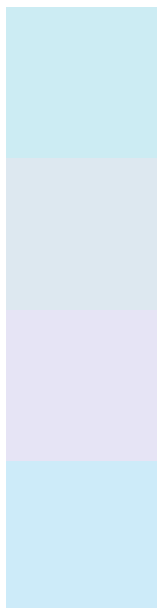




Tritanopia

79.0593, 0.2836, 0.3088

Trichromacy



Original Color

79.2993, 0.2881, 0.3214

Protanomaly

79.3766, 0.3005, 0.3206

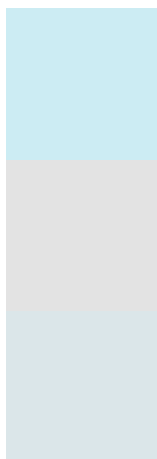
Deuteranomaly

78.9024, 0.3034, 0.3115

Tritanomaly

79.2354, 0.2853, 0.3140

Monochromacy



Original Color

79.2993, 0.2881, 0.3214

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.5369, 0.3034, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2993, 0.2881, 0.3214 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(204, 236, 243)` looks like.

```
.text, #text, p{  
    color:rgb(204, 236, 243)  
}
```

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(204, 236, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 236, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.2993, 0.2881, 0.3214 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(204, 236, 243) }
```

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

```
.border{ border-color:rgb(204, 236, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 236, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 236, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 236, 243);  
box-shadow:4px 4px 4px 4px rgb(204, 236,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2993, 0.2881, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 236, 243) }
```

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

```
.background{ background-color: rgb(204,  
236, 243) }
```

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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