

Converting Colors

$Yxy(79.0095, 0.2850, 0.3054)$

Have a look what the booklet for
Yxy(79.0095, 0.2850, 0.3054)
contains.

Yxy(79.1995, 0.2848, 0.3058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.1995, 0.2848, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	D2E9FF
RGB	210, 233, 255
RGB Percent	82%, 91%, 100%
CMY	0.1767, 0.0862, 0.0000
CMYK	0.18, 0.09, 0.00, 0.00
HSL	209°, 100%, 91%
HSV	209°, 18%, 100%
XYZ	73.7607, 79.1995, 106.0310
YIQ	228.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

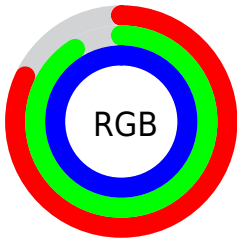
Format	Color
R _Y B	210, 225, 255
Decimal	13822463
CIE Lab	91.32, -3.13, -13.20
CIE LCh	91, 13.561, 256.670
Yxy	79.1995, 0.2848, 0.3058
Android (android.graphics.Color)	4292012543 (0xFFD2E9FF)
YUV	228.6310, 12.9999, -16.3394
Hunter-Lab	88.9941, -7.7941, -8.3445

Details

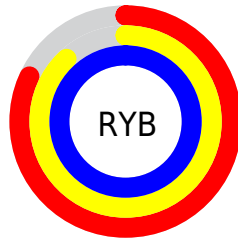
The Yxy color **79.1995, 0.2848, 0.3058** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.5903, 0.3432, 0.3511**, and the grayscale version is **77.9788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4901, 0.2787, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **68.9518, 0.2684, 0.2907**, and if you desaturate by 10%, it is **90.5432, 0.3008, 0.3195**.

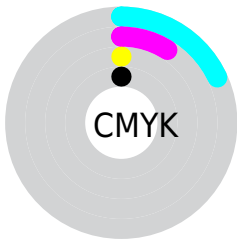
Distribution



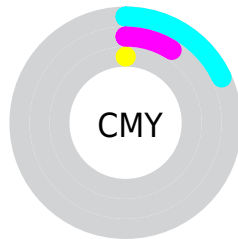
- Red (82%)
- Green (91%)
- Blue (100%)



- Red (82%)
- Yellow (88%)
- Blue (100%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1995, 0.2848, 0.3058 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 79.1995, 0.2848, 0.3058 by changing the saturation by 10% instead.

■ 79.1995, 0.2848,
0.3058

■ 79.1995, 0.2848,
0.3058

492.2310, 0.2974,
0.3164

■ 59.0599, 0.2820,
0.3034

132.2397, 0.2891,
0.3094

■ 42.6613, 0.2785,
0.3005

165.9090, 0.2908,
0.3109

■ 29.6195, 0.2742,
0.2968

204.8570, 0.2923,
0.3121

■ 19.5499, 0.2687,
0.2920

249.4681, 0.2936,
0.3132

■ 12.0683, 0.2613,
0.2857

300.1266, 0.2947,
0.3141

■ 6.7902, 0.2510,
0.2767

357.2170, 0.2957,

■ 3.3313, 0.2357,

0.3150

0.2631

421.1237, 0.2966,
0.3157

■ 1.3070, 0.2107,
0.2403

■ 0.1466, 0.0486,
0.1131

■ 79.1995, 0.2848,
0.3058

■ 79.1995, 0.2848,
0.3058

■ 68.9518, 0.2684,
0.2907

■ 90.5432, 0.3008,
0.3195

■ 59.7578, 0.2520,
0.2742

100.0000, 0.3127,
0.3290

■ 51.5777, 0.2360,
0.2565

■ 44.3675, 0.2209,
0.2378

■ 38.0789, 0.2072,
0.2186

■ 32.6580, 0.1954,
0.1993

■ 28.0432, 0.1859,
0.1804

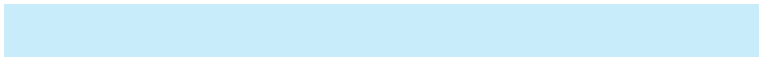
■ 24.1562, 0.1788,
0.1626

■ 23.3296, 0.1774,
0.1585

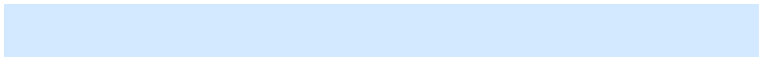
Harmonies

Analogous

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



79.1995, 0.2824, 0.3158



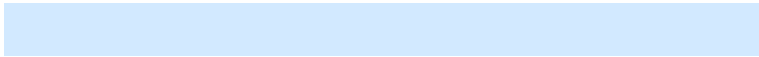
79.1995, 0.2848, 0.3058



79.1995, 0.2945, 0.3022

Triad

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



79.1995, 0.2848, 0.3058



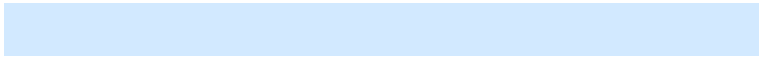
79.1995, 0.3381, 0.3274



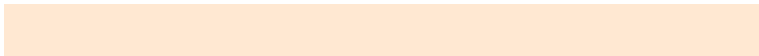
79.1995, 0.3155, 0.3542

Complementary

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



79.1995, 0.2848, 0.3058



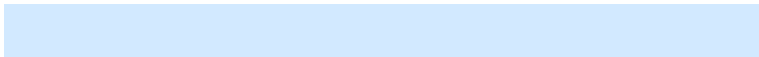
83.5903, 0.3432, 0.3511

Split Complementary

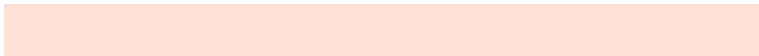
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1995, 0.3307, 0.3569



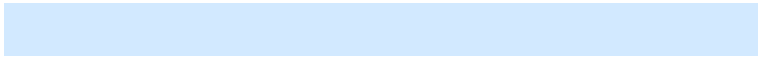
79.1995, 0.2848, 0.3058



79.1995, 0.3440, 0.3410

Square

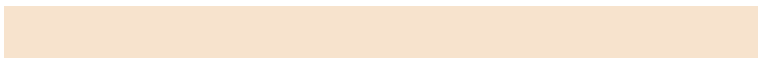
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1995, 0.2848, 0.3058



79.1995, 0.3253, 0.3146



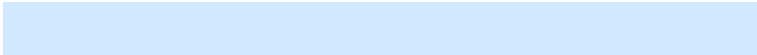
79.1995, 0.3413, 0.3519



79.1995, 0.2999, 0.3441

Rectangle

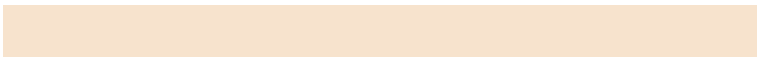
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



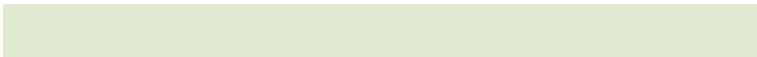
79.1995, 0.2848, 0.3058



79.1995, 0.3040, 0.3036



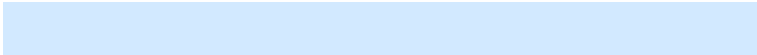
79.1995, 0.3413, 0.3519



79.1995, 0.3209, 0.3560

Sweetspot

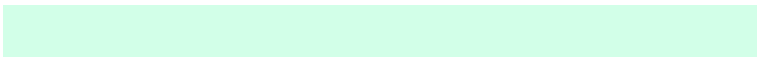
The Sweet Spot groups the original color and five complimentary colors.



79.2008, 0.2848, 0.3058



93.7551, 0.3050, 0.3229



91.0256, 0.2984, 0.3534



19.8845, 0.3039, 0.3220



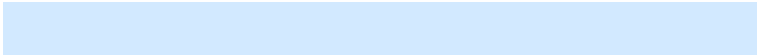
0.0000, 0.0000, 0.0000



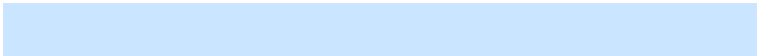
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2008, 0.2848, 0.3058



75.6631, 0.2794, 0.3010



67.3570, 0.2836, 0.2816



18.9155, 0.2979, 0.3171



12.4903, 0.1782, 0.1614



1.4349, 0.1838, 0.1816

Inverse Universe

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



73.2146, 0.3301, 0.3060



68.8929, 0.3341, 0.3014



96.9528, 0.3395, 0.3724



18.1423, 0.3214, 0.3169



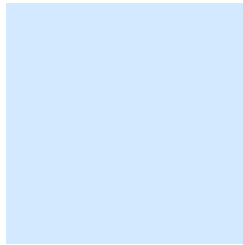
11.9889, 0.4914, 0.2481



1.1894, 0.4666, 0.2344

Previews

White Background



This preview shows how the Yxy color 79.1995, 0.2848, 0.3058 looks on a white background.

Color Contrast Check

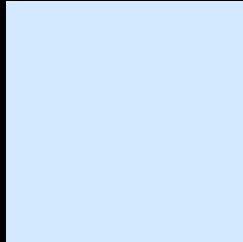
Large Text (above 18pt) WCAG AA × Fail

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 79.1995, 0.2848, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

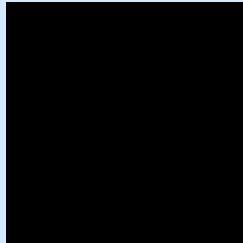
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

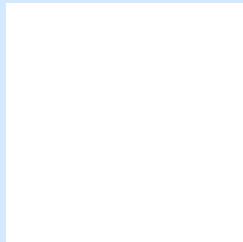
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1995, 0.2848, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 79.1995, 0.2848, 0.3058.



This preview shows how white text looks on a background with the Yxy color 79.1995, 0.2848, 0.3058.

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

79.1995, 0.2848, 0.3058

Protanopia

78.8460, 0.2972, 0.3043

Deuteranopia

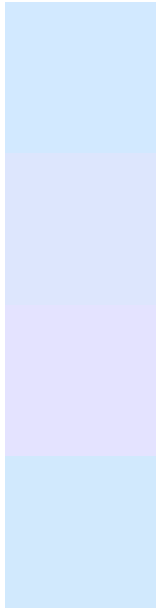
78.8820, 0.3033, 0.2979



Tritanopia

78.8614, 0.2859, 0.3089

Trichromacy



Original Color

79.1995, 0.2848, 0.3058

Protanomaly

79.0576, 0.2927, 0.3051

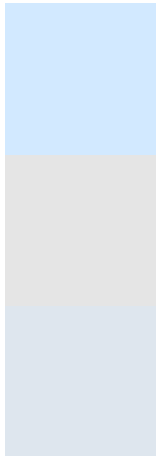
Deuteranomaly

78.6522, 0.2960, 0.3003

Tritanomaly

78.9250, 0.2854, 0.3078

Monochromacy



Original Color

79.1995, 0.2848, 0.3058

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.2963, 0.3024, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1995, 0.2848, 0.3058 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, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 233, 255)  
}
```

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, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.1995, 0.2848, 0.3058 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, 233, 255) }
```

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

```
.border{ border-color:rgb(210, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1995, 0.2848, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 233, 255) }
```

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

```
.background{ background-color: rgb(210,  
233, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor