

Converting Colors

$Yxy(79.3317, 0.2854, 0.3058)$

Have a look what the booklet for
Yxy(79.3317, 0.2854, 0.3058)
contains.

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Color

Yxy(79.3467, 0.2855, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	D3E9FF
RGB	211, 233, 255
RGB Percent	83%, 91%, 100%
CMY	0.1724, 0.0863, 0.0002
CMYK	0.17, 0.09, 0.00, 0.00
HSL	210°, 100%, 91%
HSV	210°, 17%, 100%
XYZ	74.0552, 79.3467, 105.9858
YIQ	228.9300, -20.1740, 2.1780

Conversions

Conversions Part 2

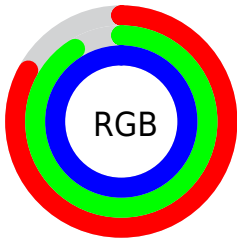
Format	Color
R _Y B	211, 226, 255
Decimal	13887999
CIE Lab	91.39, -2.80, -13.05
CIE LCh	91, 13.351, 257.883
Yxy	79.3467, 0.2855, 0.3059
Android (android.graphics.Color)	4292078079 (0xFFD3E9FF)
YUV	228.9300, 12.8525, -15.7246
Hunter-Lab	89.0768, -7.4859, -8.1910

Details

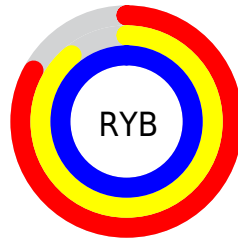
The Yxy color **79.3467, 0.2855, 0.3059** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2347, 0.3423, 0.3511**, and the grayscale version is **78.2202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5894, 0.2795, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **68.9185, 0.2691, 0.2905**, and if you desaturate by 10%, it is **90.9002, 0.3015, 0.3198**.

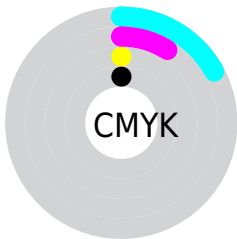
Distribution



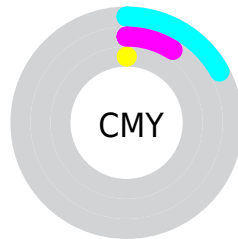
- Red (83%)
- Green (91%)
- Blue (100%)



- Red (83%)
- Yellow (89%)
- Blue (100%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3467, 0.2855, 0.3059 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 79.3467, 0.2855, 0.3059 by changing the saturation by 10% instead.

■ 79.3467, 0.2855,
0.3059

■ 79.3467, 0.2855,
0.3059

492.7284, 0.2978,
0.3164

■ 59.1809, 0.2828,
0.3035

132.4468, 0.2897,
0.3095

■ 42.7588, 0.2794,
0.3006

166.1500, 0.2914,
0.3109

■ 29.6959, 0.2752,
0.2970

205.1343, 0.2928,
0.3122

■ 19.6079, 0.2698,
0.2922

249.7843, 0.2941,
0.3132

■ 12.1103, 0.2626,
0.2859

300.4843, 0.2952,
0.3142

■ 6.8189, 0.2526,
0.2770

357.6187, 0.2961,

■ 3.3491, 0.2376,

0.3150

0.2635

421.5720, 0.2970,
0.3158

■ 1.3166, 0.2132,
0.2410

■ 0.1540, 0.0592,
0.1169

■ 79.3467, 0.2855,
0.3059

■ 79.3467, 0.2855,
0.3059

■ 68.9185, 0.2691,
0.2905

■ 90.9002, 0.3015,
0.3198

■ 59.5666, 0.2525,
0.2736

99.9975, 0.3127,
0.3290

■ 51.2528, 0.2364,
0.2554

■ 43.9321, 0.2210,
0.2363

■ 37.5556, 0.2070,
0.2166

■ 32.0689, 0.1950,
0.1968

■ 27.4098, 0.1852,
0.1776

■ 23.5010, 0.1780,
0.1594

■ 22.5218, 0.1763,
0.1545

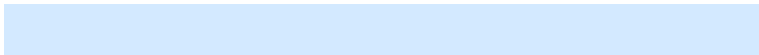
Harmonies

Analogous

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



79.3467, 0.2828, 0.3155



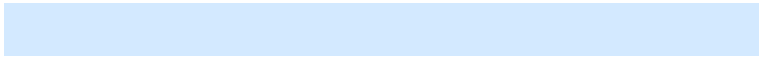
79.3467, 0.2855, 0.3059



79.3467, 0.2953, 0.3026

Triad

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



79.3467, 0.2855, 0.3059



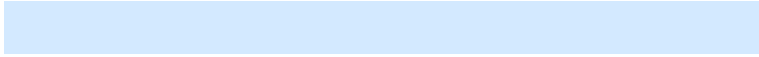
79.3467, 0.3381, 0.3280



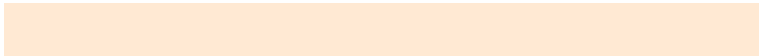
79.3467, 0.3149, 0.3535

Complementary

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



79.3467, 0.2855, 0.3059



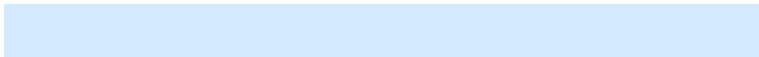
84.2347, 0.3423, 0.3511

Split Complementary

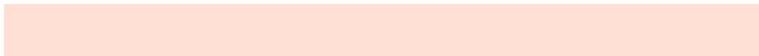
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3467, 0.3299, 0.3565



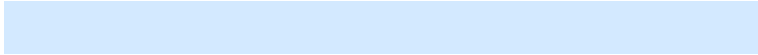
79.3467, 0.2855, 0.3059



79.3467, 0.3436, 0.3413

Square

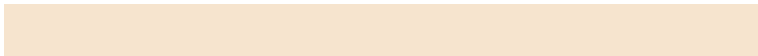
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3467, 0.2855, 0.3059



79.3467, 0.3257, 0.3152



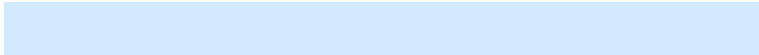
79.3467, 0.3405, 0.3518



79.3467, 0.2995, 0.3434

Rectangle

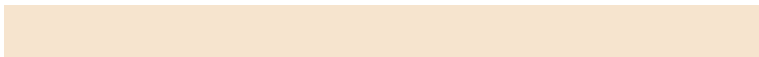
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3467, 0.2855, 0.3059



79.3467, 0.3048, 0.3042



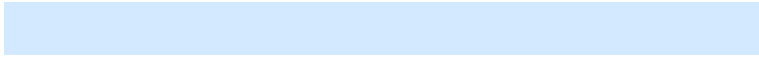
79.3467, 0.3405, 0.3518



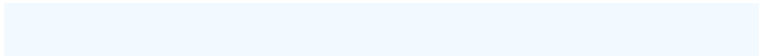
79.3467, 0.3201, 0.3553

Sweetspot

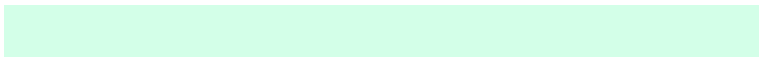
The Sweet Spot groups the original color and five complimentary colors.



79.3500, 0.2855, 0.3059



93.6614, 0.3050, 0.3228



91.1910, 0.2988, 0.3528



19.8617, 0.3039, 0.3218



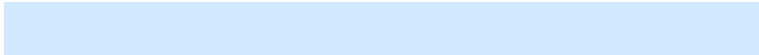
0.0000, 0.0000, 0.0000



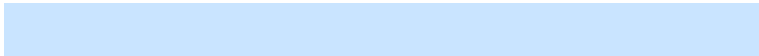
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3500, 0.2855, 0.3059



75.3112, 0.2793, 0.3003



68.0441, 0.2844, 0.2829



18.8785, 0.2979, 0.3168



12.0707, 0.1771, 0.1574



1.3937, 0.1828, 0.1779

Inverse Universe

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



73.7432, 0.3300, 0.3071



68.8574, 0.3346, 0.3021



96.9866, 0.3388, 0.3713



18.1386, 0.3215, 0.3172



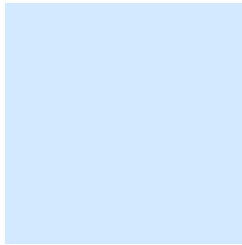
11.9465, 0.4964, 0.2508



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 79.3467, 0.2855, 0.3059 looks on a white background.

Color Contrast Check

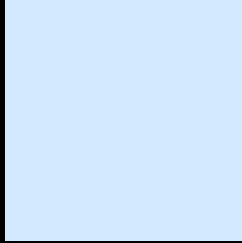
Large Text (above 18pt) WCAG AA × Fail

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 79.3467, 0.2855, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

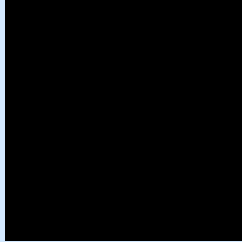
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

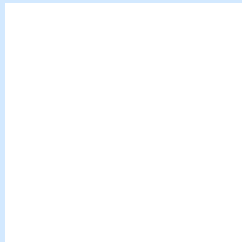
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3467, 0.2855, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 79.3467, 0.2855, 0.3059.



This preview shows how white text looks on a background with the Yxy color 79.3467, 0.2855, 0.3059.

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

79.3467, 0.2855, 0.3059

Protanopia

79.0091, 0.2978, 0.3044

Deuteranopia

78.8820, 0.3033, 0.2979



Tritanopia

79.0077, 0.2865, 0.3089

Trichromacy



Original Color

79.3467, 0.2855, 0.3059

Protanomaly

79.2151, 0.2934, 0.3052

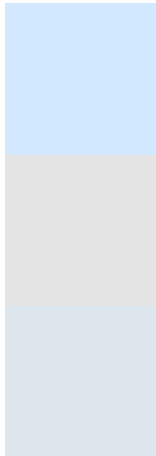
Deuteranomaly

78.8162, 0.2967, 0.3004

Tritanomaly

79.0713, 0.2860, 0.3079

Monochromacy



Original Color

79.3467, 0.2855, 0.3059

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 79.3467, 0.2855, 0.3059 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(211, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.3467, 0.2855, 0.3059 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(211, 233, 255) }
```

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

```
.border{ border-color:rgb(211, 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(211, 233, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3467, 0.2855, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 255) }
```

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

```
.background{ background-color: rgb(211,  
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](#).

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