

Converting Colors

$Yxy(90.6948, 0.2671, 0.3037)$

Have a look what the booklet for
Yxy(90.6948, 0.2671, 0.3037)
contains.

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Color

Yxy(89.2063, 0.2782, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	C4FDFF
RGB	196, 253, 255
RGB Percent	77%, 99%, 100%
CMY	0.2314, 0.0078, 0.0000
CMYK	0.23, 0.01, 0.00, 0.00
HSL	182°, 100%, 88%
HSV	182°, 23%, 100%
XYZ	75.9400, 89.2063, 107.8228
YIQ	236.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

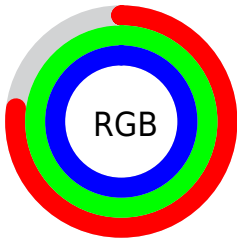
Format	Color
R _{YB}	196, 225, 255
Decimal	12910079
CIE Lab	95.67, -17.36, -6.82
CIE LCh	96, 18.653, 201.447
Yxy	89.2063, 0.2782, 0.3268
Android (android.graphics.Color)	4291100159 (0xFFC4FDFF)
YUV	236.1850, 9.2758, -35.2422
Hunter-Lab	94.4491, -21.7664, -1.5709

Details

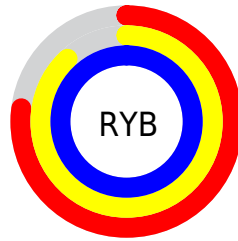
The Yxy color **89.2063, 0.2782, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6327, 0.3603, 0.3312**, and the grayscale version is **83.9796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **49.2198, 0.2711, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **85.5327, 0.2650, 0.3257**, and if you desaturate by 10%, it is **93.4706, 0.2926, 0.3278**.

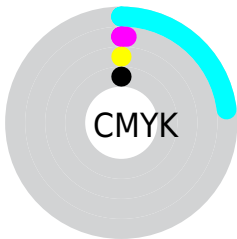
Distribution



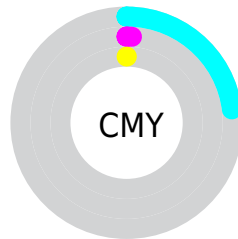
- Red (77%)
- Green (99%)
- Blue (100%)



- Red (77%)
- Yellow (88%)
- Blue (100%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (23%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2063, 0.2782, 0.3268 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 89.2063, 0.2782, 0.3268 by changing the saturation by 10% instead.

 89.2063, 0.2782,
0.3268

 89.2063, 0.2782,
0.3268

525.4456, 0.2934,
0.3280

 67.3225, 0.2749,
0.3265


146.2354, 0.2834,
0.3272

 49.3468, 0.2709,
0.3261


182.1496, 0.2854,
0.3274

 34.8947, 0.2659,
0.3256


223.5093, 0.2872,
0.3275

 23.5817, 0.2596,
0.3249

270.6990, 0.2887,
0.3277

 15.0236, 0.2513,
0.3238

324.1031, 0.2901,
0.3278

 8.8360, 0.2401,
0.3222

384.1060, 0.2913,

 4.6344, 0.2238,

0.3279

0.3195

451.0920, 0.2924,
0.3279

■ 2.0344, 0.1986,
0.3143

■ 0.6273, 0.0874,
0.3179

■ 89.2063, 0.2782,
0.3268

■ 89.2063, 0.2782,
0.3268

■ 85.5327, 0.2650,
0.3257

■ 93.4706, 0.2926,
0.3278

■ 82.4098, 0.2534,
0.3246

■ 98.3422, 0.3078,
0.3287

■ 79.8091, 0.2434,
0.3235

100.0000, 0.3127,
0.3290

■ 77.6955, 0.2353,
0.3224

■ 76.0294, 0.2292,
0.3212

■ 74.7650, 0.2250,
0.3201

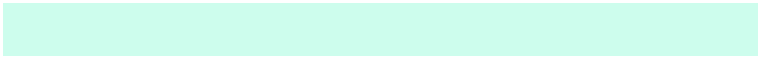
■ 73.8467, 0.2226,
0.3189

■ 73.3615, 0.2217,
0.3182

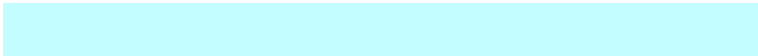
Harmonies

Analogous

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



89.2063, 0.2927, 0.3463



89.2063, 0.2782, 0.3268



89.2063, 0.2727, 0.3088

Triad

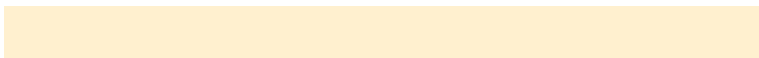
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2063, 0.2782, 0.3268



89.2063, 0.3114, 0.2996



89.2063, 0.3489, 0.3608

Complementary

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



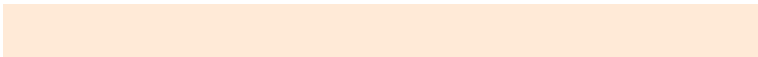
89.2063, 0.2782, 0.3268



65.6327, 0.3603, 0.3312

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.



89.2063, 0.3544, 0.3471



89.2063, 0.2782, 0.3268



89.2063, 0.3324, 0.3124

Square

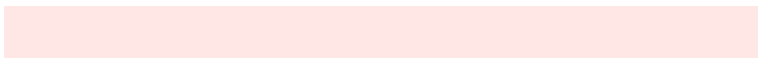
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2063, 0.2782, 0.3268



89.2063, 0.2914, 0.2939



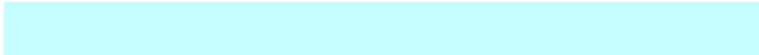
89.2063, 0.3484, 0.3296



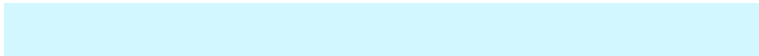
89.2063, 0.3335, 0.3662

Rectangle

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



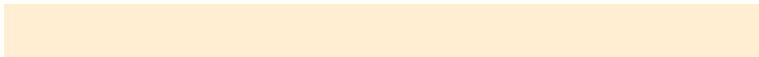
89.2063, 0.2782, 0.3268



89.2063, 0.2748, 0.3000



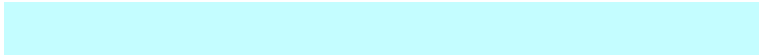
89.2063, 0.3484, 0.3296



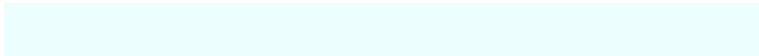
89.2063, 0.3520, 0.3569

Sweetspot

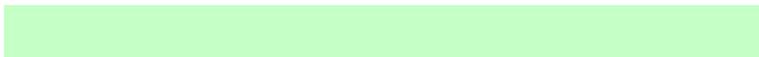
The Sweet Spot groups the original color and five complimentary colors.



89.2099, 0.2782, 0.3268



96.3859, 0.3018, 0.3284



87.3319, 0.3086, 0.3922



20.5669, 0.3009, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

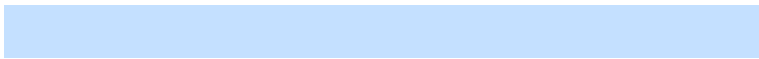
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2099, 0.2782, 0.3268



87.3503, 0.2716, 0.3263



72.0177, 0.2756, 0.2948



20.3698, 0.2980, 0.3281



38.3799, 0.2218, 0.3184



3.7686, 0.2221, 0.3196

Inverse Universe

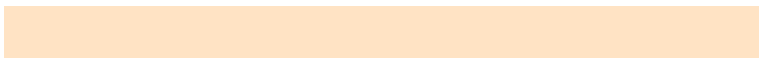
The Inverse Universe completely reimagines the original color for something new.



67.8332, 0.3168, 0.2731



62.4405, 0.3178, 0.2612



80.4401, 0.3536, 0.3610



18.2891, 0.3143, 0.3064



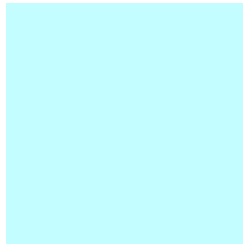
14.6024, 0.3296, 0.1589



1.4250, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 89.2063, 0.2782, 0.3268 looks on a white background.

Color Contrast Check

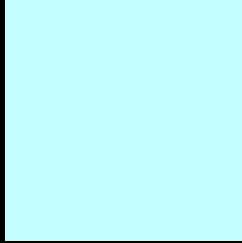
Large Text (above 18pt) WCAG AA × Fail

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 89.2063, 0.2782, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

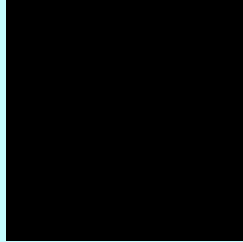
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.2063, 0.2782, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 89.2063, 0.2782, 0.3268.

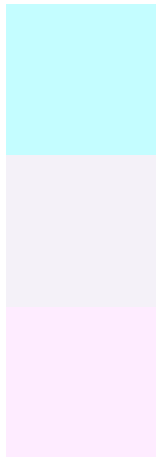


This preview shows how white text looks on a background with the Yxy color 89.2063, 0.2782, 0.3268.

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

89.2063, 0.2782, 0.3268

Protanopia

88.9210, 0.3104, 0.3221

Deuteranopia

88.2817, 0.3129, 0.3107



Tritanopia

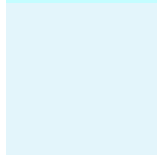
88.9788, 0.2938, 0.3198

Trichromacy



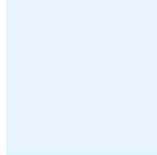
Original Color

89.2063, 0.2782, 0.3268



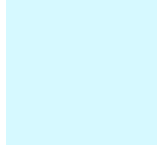
Protanomaly

88.6007, 0.2979, 0.3229



Deuteranomaly

88.0479, 0.2993, 0.3160



Tritanomaly

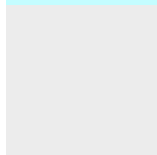
89.2675, 0.2880, 0.3228

Monochromacy



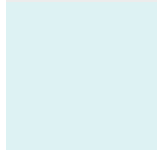
Original Color

89.2063, 0.2782, 0.3268



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.3475, 0.2987, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2063, 0.2782, 0.3268 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(196, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 253, 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(196, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 89.2063, 0.2782, 0.3268 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(196, 253, 255) }
```

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

```
.border{ border-color:rgb(196, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2063, 0.2782, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 253, 255) }
```

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

```
.background{ background-color: rgb(196,  
253, 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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