

Converting Colors

$Yxy(92.1564, 0.2557, 0.2838)$

Have a look what the booklet for
Yxy(92.1564, 0.2557, 0.2838)
contains.

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Color

Yxy(88.6770, 0.2761, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	C0FDFF
RGB	192, 253, 255
RGB Percent	75%, 99%, 100%
CMY	0.2468, 0.0079, 0.0001
CMYK	0.25, 0.01, 0.00, 0.00
HSL	182°, 100%, 88%
HSV	182°, 25%, 100%
XYZ	74.9196, 88.6770, 107.7529
YIQ	234.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

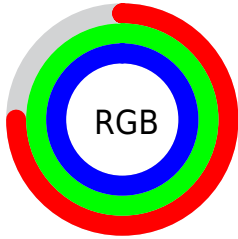
Format	Color
RYB	192, 223, 255
Decimal	12647935
CIELab	95.45, -18.49, -7.16
CIELCh	95, 19.832, 201.159
Yxy	88.6770, 0.2761, 0.3268
Android (android.graphics.Color)	4290838015 (0xFFC0FDFF)
YUV	234.9890, 9.8654, -37.7014
Hunter-Lab	94.1685, -22.7818, -1.9250

Details

The Yxy color **88.6770, 0.2761, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.6611, 0.3645, 0.3312**, and the grayscale version is **83.0223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **48.8754, 0.2686, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **85.1293, 0.2632, 0.3258**, and if you desaturate by 10%, it is **92.8106, 0.2903, 0.3277**.

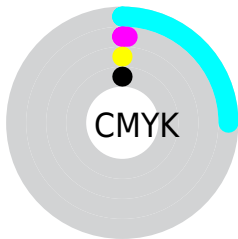
Distribution



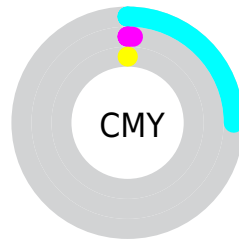
- Red (75%)
- Green (99%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.6770, 0.2761, 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 88.6770, 0.2761, 0.3268 by changing the saturation by 10% instead.

88.6770, 0.2761,
0.3268

88.6770, 0.2761,
0.3268

523.7177, 0.2923,
0.3280

66.8839, 0.2726,
0.3265

145.4993, 0.2816,
0.3273

48.9903, 0.2683,
0.3261

181.2973, 0.2837,
0.3274

34.6118, 0.2630,
0.3255

222.5324, 0.2856,
0.3276

23.3640, 0.2563,
0.3248

269.5889, 0.2873,
0.3277

14.8625, 0.2476,
0.3237

322.8513, 0.2887,
0.3278

8.7229, 0.2356,
0.3219

382.7040, 0.2900,

4.5609, 0.2184,

0.3279

0.3190

449.5313, 0.2912,
0.3280

1.9920, 0.1918,
0.3133

0.6028, 0.0641,
0.3182

88.6770, 0.2761,
0.3268

88.6770, 0.2761,
0.3268

85.1293, 0.2632,
0.3258

92.8106, 0.2903,
0.3277

82.1271, 0.2518,
0.3248

97.5469, 0.3054,
0.3286

79.6415, 0.2421,
0.3237

99.9984, 0.3127,
0.3290

77.6367, 0.2343,
0.3226

■ 76.0724, 0.2286,
0.3216

■ 74.9016, 0.2247,
0.3205

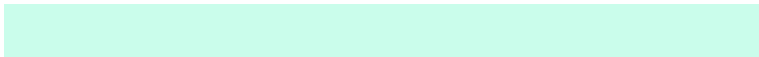
■ 74.0665, 0.2226,
0.3195

■ 73.7154, 0.2219,
0.3189

Harmonies

Analogous

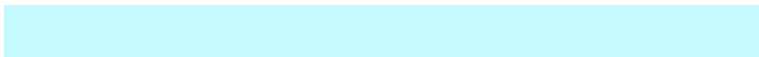
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6770, 0.2916, 0.3476



88.6770, 0.2761, 0.3268



88.6770, 0.2702, 0.3075

Triad

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



88.6770, 0.2761, 0.3268



88.6770, 0.3111, 0.2977



88.6770, 0.3513, 0.3627

Complementary

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



88.6770, 0.2761, 0.3268



63.6611, 0.3645, 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.



88.6770, 0.3572, 0.3481



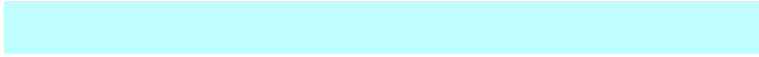
88.6770, 0.2761, 0.3268



88.6770, 0.3335, 0.3112

Square

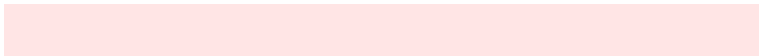
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6770, 0.2761, 0.3268



88.6770, 0.2898, 0.2917



88.6770, 0.3506, 0.3294



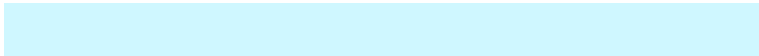
88.6770, 0.3350, 0.3687

Rectangle

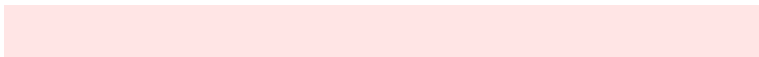
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6770, 0.2761, 0.3268



88.6770, 0.2723, 0.2982



88.6770, 0.3506, 0.3294



88.6770, 0.3546, 0.3586

Sweetspot

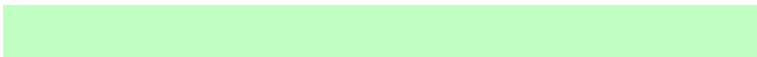
The Sweet Spot groups the original color and five complimentary colors.



88.6806, 0.2761, 0.3268



96.4129, 0.3018, 0.3284



86.5724, 0.3088, 0.3982



20.5732, 0.3009, 0.3284



0.0000, 0.0000, 0.0000



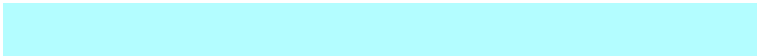
21.4041, 0.3127, 0.3290

Same Dimension

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



88.6806, 0.2761, 0.3268



86.7395, 0.2690, 0.3263



70.9222, 0.2732, 0.2934



20.3777, 0.2980, 0.3282



38.5702, 0.2220, 0.3191



3.7850, 0.2223, 0.3203

Inverse Universe

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



66.0698, 0.3170, 0.2692



60.3662, 0.3180, 0.2562



78.6779, 0.3570, 0.3622



18.2899, 0.3143, 0.3063



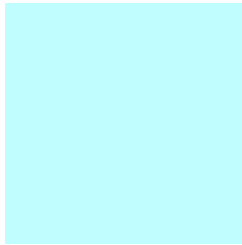
14.6217, 0.3289, 0.1586



1.4266, 0.3280, 0.1580

Previews

White Background



This preview shows how the Yxy color 88.6770, 0.2761, 0.3268 looks on a white background.

Color Contrast Check

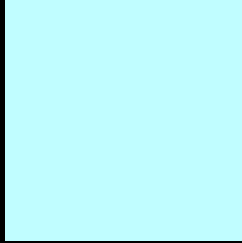
Large Text (above 18pt) WCAG AA × Fail

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 88.6770, 0.2761, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

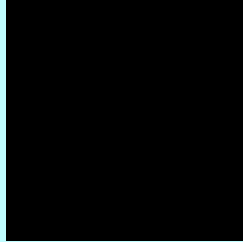
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

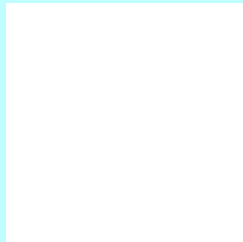
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6770, 0.2761, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 88.6770, 0.2761, 0.3268.

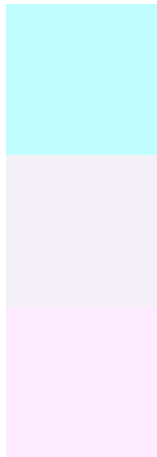


This preview shows how white text looks on a background with the Yxy color 88.6770, 0.2761, 0.3268.

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

88.6770, 0.2761, 0.3268

Protanopia

88.2687, 0.3111, 0.3221

Deuteranopia

88.0936, 0.3123, 0.3106



Tritanopia

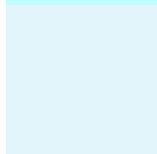
88.0544, 0.2926, 0.3188

Trichromacy



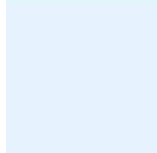
Original Color

88.6770, 0.2761, 0.3268



Protanomaly

88.2145, 0.2972, 0.3239



Deuteranomaly

87.7132, 0.2981, 0.3159



Tritanomaly

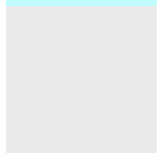
88.2037, 0.2862, 0.3217

Monochromacy



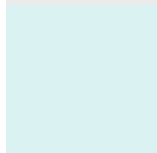
Original Color

88.6770, 0.2761, 0.3268



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.9751, 0.2981, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6770, 0.2761, 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(192, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 253, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.6770, 0.2761, 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(192, 253, 255) }
```

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

```
.border{ border-color:rgb(192, 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(192, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 253,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6770, 0.2761, 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(192, 253, 255) }
```

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

```
.background{ background-color: rgb(192,  
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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