

Converting Colors

$Yxy(88.7386, 0.2736, 0.3321)$

Have a look what the booklet for
Yxy(88.7386, 0.2736, 0.3321)
contains.

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Color

Yxy(88.7386, 0.2736, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFFC
RGB	184, 255, 252
RGB Percent	72%, 100%, 99%
CMY	0.2782, 0.0000, 0.0118
CMYK	0.28, 0.00, 0.01, 0.00
HSL	177°, 100%, 86%
HSV	177°, 28%, 100%
XYZ	73.1071, 88.7386, 105.3587
YIQ	233.4290, -41.3530, -15.9850

Conversions

Conversions Part 2

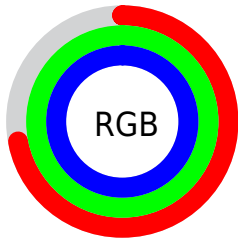
Format	Color
RYB	184, 220, 255
Decimal	12124156
CIELab	95.47, -22.36, -5.63
CIELCh	95, 23.058, 194.125
Yxy	88.7386, 0.2736, 0.3321
Android (android.graphics.Color)	4290314236 (0xFFB8FFFC)
YUV	233.4290, 9.1555, -43.3492
Hunter-Lab	94.2012, -26.3227, -0.3717

Details

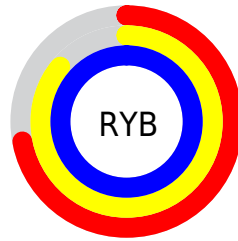
The Yxy color **88.7386, 0.2736, 0.3321** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.1581, 0.3713, 0.3260**, and the grayscale version is **81.7897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **48.9954, 0.2658, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **85.8020, 0.2618, 0.3334**, and if you desaturate by 10%, it is **92.2503, 0.2868, 0.3309**.

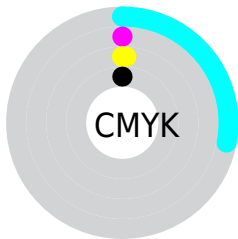
Distribution



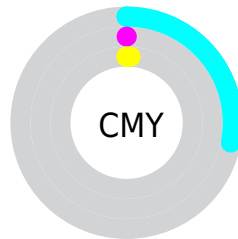
- Red (72%)
- Green (100%)
- Blue (99%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.7386, 0.2736, 0.3321 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 88.7386, 0.2736, 0.3321 by changing the saturation by 10% instead.


 88.7386, 0.2736,
0.3321

 88.7386, 0.2736,
0.3321

523.9190, 0.2909,
0.3310

 66.9349, 0.2698,
0.3323


 145.5850, 0.2794,
0.3318

 49.0317, 0.2653,
0.3325


181.3965, 0.2818,
0.3316

 34.6447, 0.2596,
0.3328


222.6461, 0.2838,
0.3315

 23.3893, 0.2525,
0.3330

269.7182, 0.2855,
0.3313

 14.8812, 0.2431,
0.3332

322.9971, 0.2871,
0.3312

 8.7361, 0.2303,
0.3333

382.8673, 0.2885,

 4.5694, 0.2120,

0.3311

449.7131, 0.2898,
0.3310

0.3330

1.9969, 0.1835,
0.3314

0.6057, 0.0176,
0.3582

88.7386, 0.2736,
0.3321

88.7386, 0.2736,
0.3321

85.8020, 0.2618,
0.3334

92.2503, 0.2868,
0.3309

83.3994, 0.2515,
0.3347

96.3547, 0.3010,
0.3298

81.5010, 0.2431,
0.3361

99.9962, 0.3127,
0.3290

80.0696, 0.2366,
0.3375

■ 79.0632, 0.2321,
0.3389

■ 78.4319, 0.2295,
0.3403

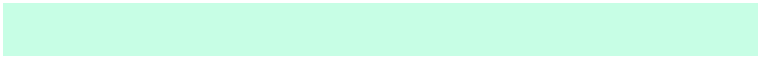
■ 78.1095, 0.2285,
0.3417

■ 78.0591, 0.2283,
0.3420

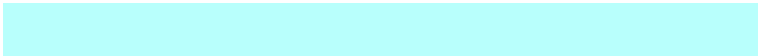
Harmonies

Analogous

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



88.7386, 0.2935, 0.3559



88.7386, 0.2736, 0.3321



88.7386, 0.2640, 0.3086

Triad

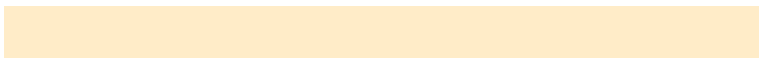
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7386, 0.2736, 0.3321



88.7386, 0.3046, 0.2904



88.7386, 0.3605, 0.3647

Complementary

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



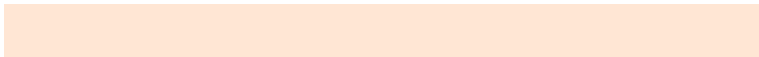
88.7386, 0.2736, 0.3321



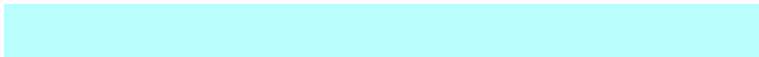
59.1581, 0.3713, 0.3260

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.



88.7386, 0.3640, 0.3460



88.7386, 0.2736, 0.3321



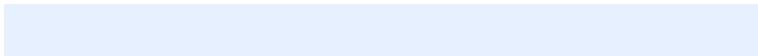
88.7386, 0.3310, 0.3042

Square

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



88.7386, 0.2736, 0.3321



88.7386, 0.2813, 0.2858



88.7386, 0.3531, 0.3241



88.7386, 0.3438, 0.3747

Rectangle

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



88.7386, 0.2736, 0.3321



88.7386, 0.2645, 0.2965



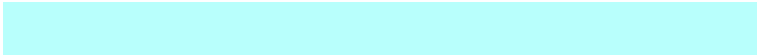
88.7386, 0.3531, 0.3241



88.7386, 0.3633, 0.3591

Sweetspot

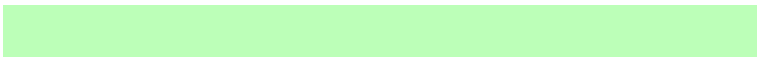
The Sweet Spot groups the original color and five complimentary colors.



88.7422, 0.2736, 0.3321



96.2786, 0.3008, 0.3298



85.6218, 0.3111, 0.4094



20.4674, 0.2986, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

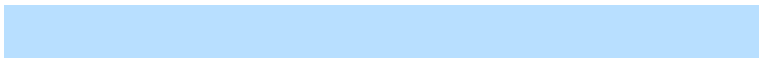
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7422, 0.2736, 0.3321



87.1535, 0.2673, 0.3328



70.2342, 0.2685, 0.2936



20.4674, 0.2986, 0.3300



40.7956, 0.2283, 0.3418



3.9761, 0.2278, 0.3402

Inverse Universe

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



59.1581, 0.3713, 0.3260



53.4015, 0.3867, 0.3255



73.8256, 0.3650, 0.3619



17.9995, 0.3288, 0.3280



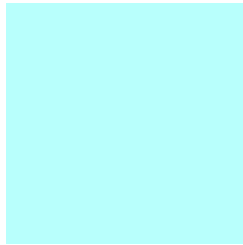
11.1266, 0.6358, 0.3276



1.0875, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 88.7386, 0.2736, 0.3321 looks on a white background.

Color Contrast Check

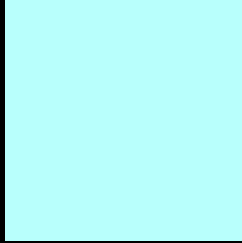
Large Text (above 18pt) WCAG AA × Fail

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 88.7386, 0.2736, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

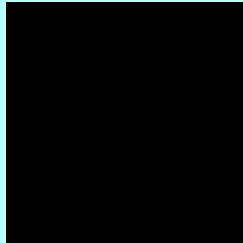
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.7386, 0.2736, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 88.7386, 0.2736, 0.3321.

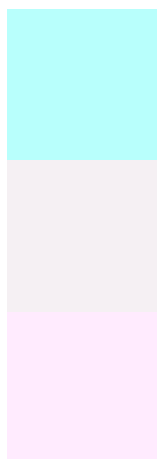


This preview shows how white text looks on a background with the Yxy color 88.7386, 0.2736, 0.3321.

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

88.7386, 0.2736, 0.3321

Protanopia

88.2037, 0.3142, 0.3260

Deuteranopia

87.8324, 0.3142, 0.3107



Tritanopia

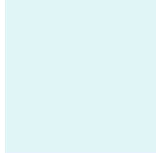
88.3472, 0.2914, 0.3198

Trichromacy



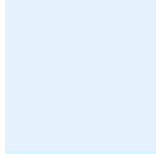
Original Color

88.7386, 0.2736, 0.3321



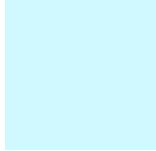
Protanomaly

87.6466, 0.2983, 0.3279



Deuteranomaly

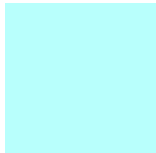
87.2541, 0.2980, 0.3179



Tritanomaly

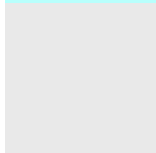
88.1725, 0.2845, 0.3237

Monochromacy



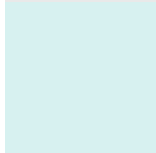
Original Color

88.7386, 0.2736, 0.3321



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6489, 0.2967, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7386, 0.2736, 0.3321 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(184, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 252)  
}
```

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(184, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 252) }
```

Border

The CSS property to change the border of an element to Yxy 88.7386, 0.2736, 0.3321 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(184, 255, 252) }
```

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

```
.border{ border-color:rgb(184, 255, 252) }
```

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

Here you see how a box with a 4 pixel rgb(184, 255, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7386, 0.2736, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 252) }
```

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

```
.background{ background-color: rgb(184,  
255, 252) }
```

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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