

Converting Colors

$Yxy(88.9521, 0.2749, 0.3327)$

Have a look what the booklet for
Yxy(88.9521, 0.2749, 0.3327)
contains.

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Color

Yxy(88.9241, 0.2751, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFFFB
RGB	186, 255, 251
RGB Percent	73%, 100%, 98%
CMY	0.2706, 0.0000, 0.0158
CMYK	0.27, 0.00, 0.02, 0.00
HSL	176°, 100%, 86%
HSV	176°, 27%, 100%
XYZ	73.4184, 88.9241, 104.5365
YIQ	233.9130, -39.8400, -15.8720

Conversions

Conversions Part 2

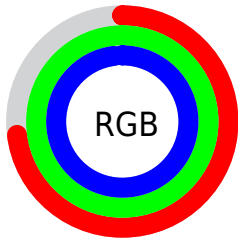
Format	Color
RYB	186, 222, 255
Decimal	12255227
CIELab	95.55, -22.05, -4.98
CIELCh	96, 22.601, 192.722
Yxy	88.9241, 0.2751, 0.3332
Android (android.graphics.Color)	4290445307 (0xFFBAFFFB)
YUV	233.9130, 8.4239, -42.0197
Hunter-Lab	94.2996, -26.0503, 0.2833

Details

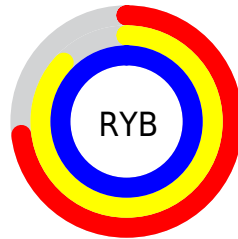
The Yxy color **88.9241, 0.2751, 0.3332** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.0980, 0.3682, 0.3250**, and the grayscale version is **82.1654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **49.1536, 0.2670, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **85.9152, 0.2633, 0.3350**, and if you desaturate by 10%, it is **92.5008, 0.2882, 0.3315**.

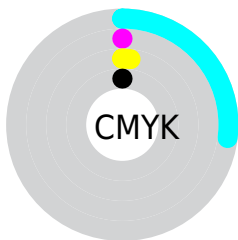
Distribution



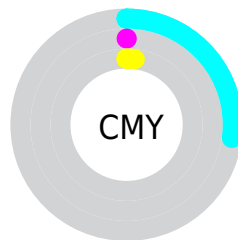
- Red (73%)
- Green (100%)
- Blue (98%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (27%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9241, 0.2751, 0.3332 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 88.9241, 0.2751, 0.3332 by changing the saturation by 10% instead.


 88.9241, 0.2751,
0.3332

 88.9241, 0.2751,
0.3332

524.5247, 0.2917,
0.3315

 67.0886, 0.2715,
0.3335


 145.8430, 0.2807,
0.3327

 49.1567, 0.2671,
0.3339

181.6953, 0.2830,
0.3325

 34.7438, 0.2616,
0.3343


222.9886, 0.2849,
0.3323

 23.4656, 0.2547,
0.3348

270.1073, 0.2866,
0.3321

 14.9377, 0.2457,
0.3353

323.4359, 0.2881,
0.3319

 8.7756, 0.2334,
0.3359

383.3588, 0.2894,

 4.5951, 0.2156,

0.3318

0.3364

450.2602, 0.2906,
0.3317

■ 2.0117, 0.1879,
0.3361

■ 0.6143, 0.0272,
0.3661

■ 88.9241, 0.2751,
0.3332

■ 88.9241, 0.2751,
0.3332

■ 85.9152, 0.2633,
0.3350

■ 92.5008, 0.2882,
0.3315

■ 83.4481, 0.2531,
0.3368


■ 96.6775, 0.3023,
0.3300

■ 81.4881, 0.2446,
0.3388


100.0000, 0.3127,
0.3290

■ 79.9985, 0.2381,
0.3407

 78.9377, 0.2335,
0.3427

 78.2565, 0.2309,
0.3447

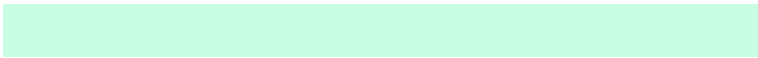
 77.8925, 0.2299,
0.3466

 77.8180, 0.2298,
0.3472

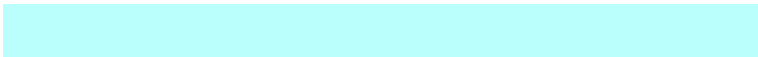
Harmonies

Analogous

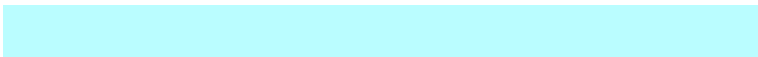
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9241, 0.2950, 0.3563



88.9241, 0.2751, 0.3332



88.9241, 0.2652, 0.3100

Triad

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



88.9241, 0.2751, 0.3332



88.9241, 0.3036, 0.2907



88.9241, 0.3599, 0.3633

Complementary

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



88.9241, 0.2751, 0.3332



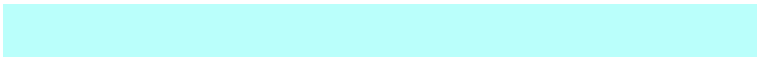
60.0980, 0.3682, 0.3250

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.



88.9241, 0.3628, 0.3447



88.9241, 0.2751, 0.3332



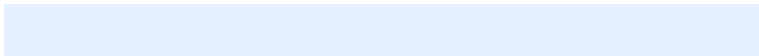
88.9241, 0.3295, 0.3038

Square

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



88.9241, 0.2751, 0.3332



88.9241, 0.2810, 0.2867



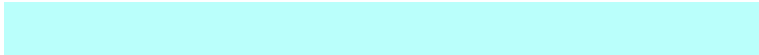
88.9241, 0.3514, 0.3232



88.9241, 0.3441, 0.3736

Rectangle

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



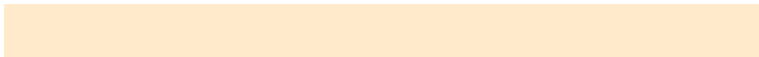
88.9241, 0.2751, 0.3332



88.9241, 0.2652, 0.2979



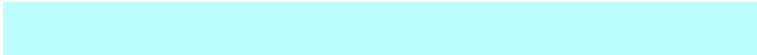
88.9241, 0.3514, 0.3232



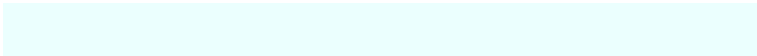
88.9241, 0.3625, 0.3577

Sweetspot

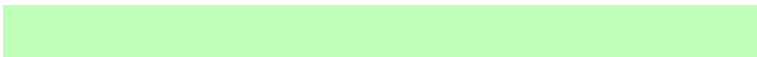
The Sweet Spot groups the original color and five complimentary colors.



88.9227, 0.2751, 0.3332



96.2577, 0.3010, 0.3301



86.0902, 0.3118, 0.4067



20.4621, 0.2988, 0.3304



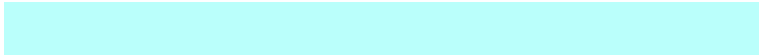
0.0000, 0.0000, 0.0000



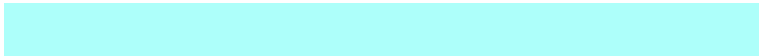
21.4041, 0.3127, 0.3290

Same Dimension

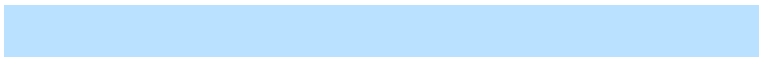
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9227, 0.2751, 0.3332



87.3669, 0.2691, 0.3341



71.5646, 0.2699, 0.2960



20.4621, 0.2988, 0.3304



40.6695, 0.2297, 0.3468



3.9652, 0.2291, 0.3446

Inverse Universe

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



60.0980, 0.3682, 0.3250



54.5217, 0.3824, 0.3242



73.8666, 0.3636, 0.3598



18.0043, 0.3285, 0.3277



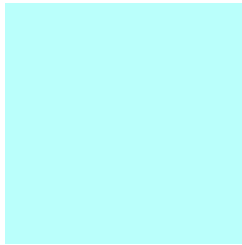
11.1334, 0.6342, 0.3267



1.0898, 0.6206, 0.3192

Previews

White Background



This preview shows how the Yxy color 88.9241, 0.2751, 0.3332 looks on a white background.

Color Contrast Check

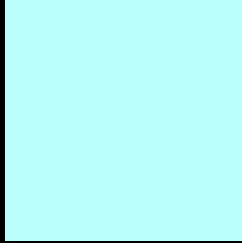
Large Text (above 18pt) WCAG AA × Fail

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 88.9241, 0.2751, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

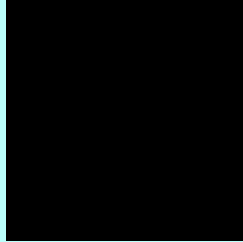
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

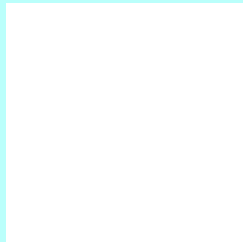
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9241, 0.2751, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 88.9241, 0.2751, 0.3332.

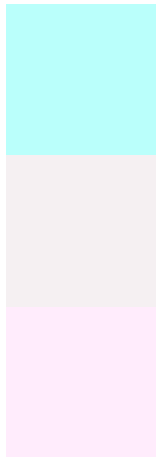


This preview shows how white text looks on a background with the Yxy color 88.9241, 0.2751, 0.3332.

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

88.9241, 0.2751, 0.3332

Protanopia

88.1435, 0.3148, 0.3270

Deuteranopia

88.2792, 0.3154, 0.3136



Tritanopia

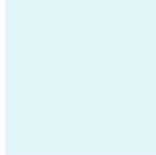
88.5037, 0.2920, 0.3198

Trichromacy



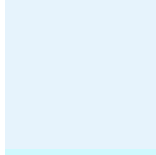
Original Color

88.9241, 0.2751, 0.3332



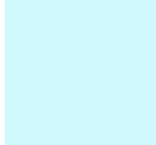
Protanomaly

87.7447, 0.2995, 0.3290



Deuteranomaly

87.9525, 0.2992, 0.3199



Tritanomaly

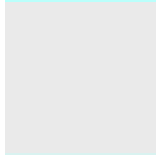
88.3170, 0.2851, 0.3237

Monochromacy



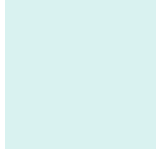
Original Color

88.9241, 0.2751, 0.3332



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5472, 0.2980, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9241, 0.2751, 0.3332 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(186, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 251)  
}
```

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(186, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.9241, 0.2751, 0.3332 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(186, 255, 251) }
```

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

```
.border{ border-color:rgb(186, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9241, 0.2751, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 251) }
```

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

```
.background{ background-color: rgb(186,  
255, 251) }
```

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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