

Converting Colors

Yxy(86.3524, 0.2712, 0.3289)

Have a look what the booklet for
Yxy(86.3524, 0.2712, 0.3289)
contains.

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Color

Yxy(86.3524, 0.2712, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B4FCFC
RGB	180, 252, 252
RGB Percent	71%, 99%, 99%
CMY	0.2940, 0.0117, 0.0118
CMYK	0.29, 0.00, 0.00, 0.01
HSL	180°, 92%, 85%
HSV	180°, 29%, 99%
XYZ	71.2033, 86.3524, 104.9934
YIQ	230.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

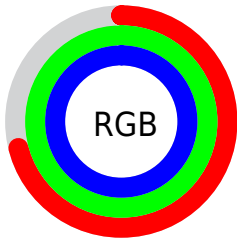
Format	Color
R_{YB}	180, 216, 252
Decimal	11861244
CIE _{Lab}	94.46, -22.03, -7.14
CIE _{LCh}	94, 23.154, 197.952
Y _{xy}	86.3524, 0.2712, 0.3289
Android (android.graphics.Color)	4290051324 (0xFFB4FCFC)
YUV	230.4720, 10.6133, -44.2639
Hunter-Lab	92.9260, -25.8472, -1.9412

Details

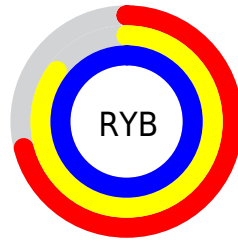
The Yxy color **86.3524, 0.2712, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.6426, 0.3761, 0.3292**, and the grayscale version is **79.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **47.3303, 0.2628, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **83.6004, 0.2591, 0.3289**, and if you desaturate by 10%, it is **89.6611, 0.2848, 0.3289**.

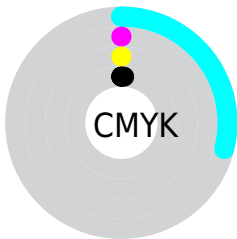
Distribution



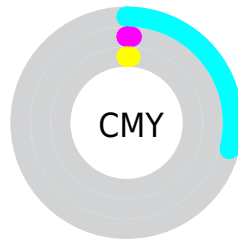
- Red (71%)
- Green (99%)
- Blue (99%)



- Red (71%)
- Yellow (85%)
- Blue (99%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)




- Cyan (29%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3524, 0.2712, 0.3289 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 86.3524, 0.2712, 0.3289 by changing the saturation by 10% instead.

 86.3524, 0.2712,
0.3289

 86.3524, 0.2712,
0.3289

516.0925, 0.2896,
0.3292

 64.9594, 0.2672,
0.3288


 142.2612, 0.2774,
0.3291

 47.4282, 0.2623,
0.3286


177.5457, 0.2799,
0.3291

 33.3743, 0.2563,
0.3283

218.2296, 0.2820,
0.3292

 22.4133, 0.2486,
0.3278

264.6972, 0.2839,
0.3292

 14.1609, 0.2385,
0.3271

317.3329, 0.2856,
0.3292

 8.2327, 0.2248,
0.3258


376.5210, 0.2871,


 4.2442, 0.2050,


0.3292

0.3234

442.6461, 0.2884,
0.3292


 1.8111, 0.1743,
0.3181


 0.4941, 0.0000,
0.3223


 86.3524, 0.2712,
0.3289


 86.3524, 0.2712,
0.3289


 83.6004, 0.2591,
0.3289


 89.6611, 0.2848,
0.3289


 81.3650, 0.2487,
0.3289

 93.5438, 0.2994,
0.3290

 79.6170, 0.2401,
0.3288

 97.9120, 0.3146,
0.3290

 78.3200, 0.2335,
0.3288

 97.9125, 0.3146,
0.3290

77.4327, 0.2289,
0.3288

97.9130, 0.3146,
0.3290

76.9060, 0.2261,
0.3288

97.9135, 0.3146,
0.3290

76.6703, 0.2248,
0.3288

97.9140, 0.3146,
0.3290

76.6469, 0.2247,
0.3288

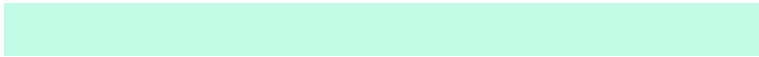
97.9145, 0.3146,
0.3290

97.9151, 0.3146,
0.3290

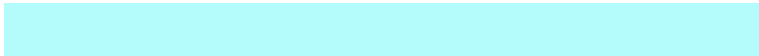
Harmonies

Analogous

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



86.3524, 0.2903, 0.3535



86.3524, 0.2712, 0.3289



86.3524, 0.2630, 0.3056

Triad

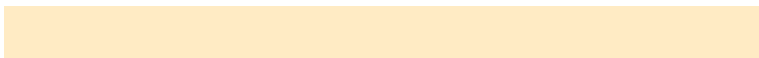
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3524, 0.2712, 0.3289



86.3524, 0.3078, 0.2912



86.3524, 0.3596, 0.3670

Complementary

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



86.3524, 0.2712, 0.3289



56.6426, 0.3761, 0.3292

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.



86.3524, 0.3651, 0.3489



86.3524, 0.2712, 0.3289



86.3524, 0.3345, 0.3061

Square

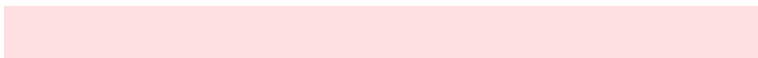
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3524, 0.2712, 0.3289



86.3524, 0.2835, 0.2852



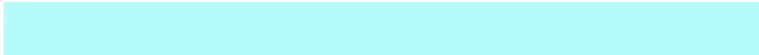
86.3524, 0.3558, 0.3268



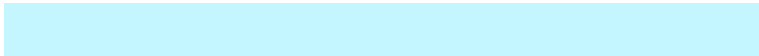
86.3524, 0.3413, 0.3757

Rectangle

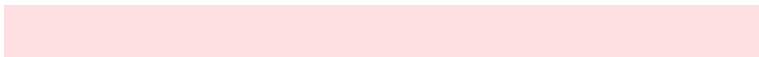
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3524, 0.2712, 0.3289



86.3524, 0.2646, 0.2942



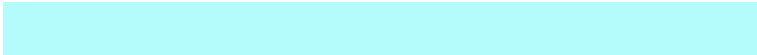
86.3524, 0.3558, 0.3268



86.3524, 0.3630, 0.3618

Sweetspot

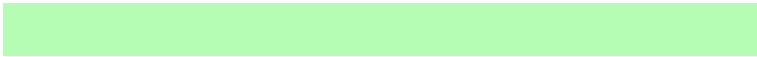
The Sweet Spot groups the original color and five complimentary colors.



86.3559, 0.2712, 0.3289



95.9037, 0.2988, 0.3290



82.7694, 0.3095, 0.4122



20.3958, 0.2966, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

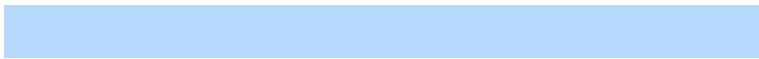
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3559, 0.2712, 0.3289



87.0960, 0.2644, 0.3289



66.4682, 0.2670, 0.2897



19.6085, 0.2980, 0.3290



39.9248, 0.2247, 0.3288



3.6978, 0.2247, 0.3288

Inverse Universe

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



56.6426, 0.3761, 0.3292



52.2155, 0.3934, 0.3292



72.4968, 0.3660, 0.3652



17.2253, 0.3294, 0.3290



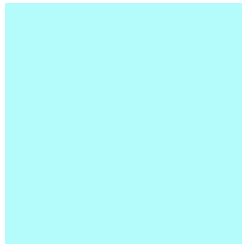
10.7806, 0.6400, 0.3300



0.9985, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 86.3524, 0.2712, 0.3289 looks on a white background.

Color Contrast Check

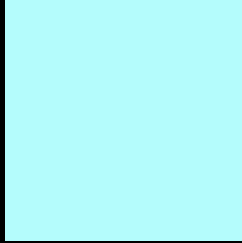
Large Text (above 18pt) WCAG AA × Fail

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 86.3524, 0.2712, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

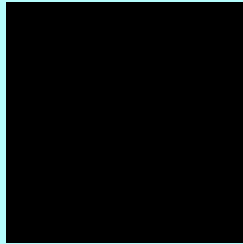
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.3524, 0.2712, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 86.3524, 0.2712, 0.3289.

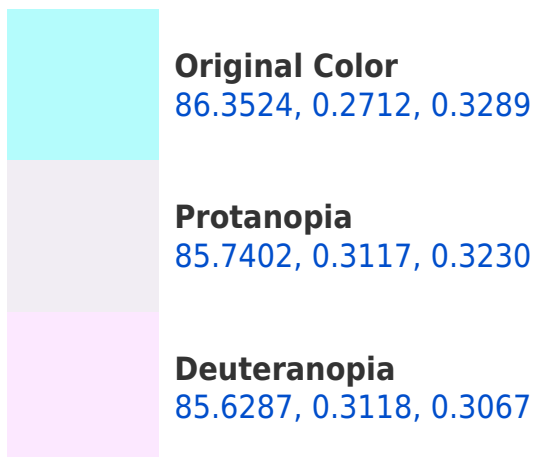


This preview shows how white text looks on a background with the Yxy color 86.3524, 0.2712, 0.3289.

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





Tritanopia

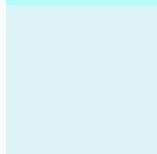
85.9184, 0.2866, 0.3175

Trichromacy



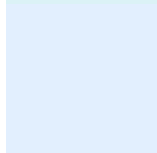
Original Color

86.3524, 0.2712, 0.3289



Protanomaly

85.2182, 0.2958, 0.3248



Deuteranomaly

85.0575, 0.2955, 0.3137



Tritanomaly

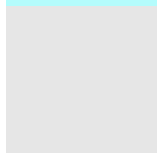
85.9566, 0.2804, 0.3215

Monochromacy



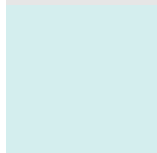
Original Color

86.3524, 0.2712, 0.3289



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

81.3192, 0.2959, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3524, 0.2712, 0.3289 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(180, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(180, 252, 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(180, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 252, 252) }
```

Border

The CSS property to change the border of an element to Yxy 86.3524, 0.2712, 0.3289 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(180, 252, 252) }
```

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

```
.border{ border-color:rgb(180, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(180, 252,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3524, 0.2712, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 252, 252) }
```

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

```
.background{ background-color: rgb(180,  
252, 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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