

Converting Colors

$Yxy(76.3033, 0.2550, 0.2892)$

Have a look what the booklet for
Yxy(76.3033, 0.2550, 0.2892)
contains.

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Color

Yxy(75.2946, 0.2629, 0.3066)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABEBFF |
| RGB | 171, 235, 255 |
| RGB Percent | 67%, 92%, 100% |
| CMY | 0.3291, 0.0785, 0.0001 |
| CMYK | 0.33, 0.08, 0.00, 0.00 |
| HSL | 194°, 100%, 84% |
| HSV | 194°, 33%, 100% |
| XYZ | 64.5628, 75.2946, 105.7219 |
| YIQ | 218.1440, -44.5640, -7.3480 |

Conversions

Conversions Part 2

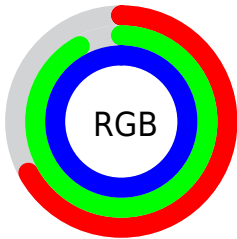
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 171, 207, 255 |
| Decimal | 11267071 |
| CIE _{Lab} | 89.53, -15.35, -16.10 |
| CIE _{LCh} | 90, 22.240, 226.362 |
| Yxy | 75.2946, 0.2629, 0.3066 |
| Android (android.graphics.Color) | 4289457151 (0xFFABEBFF) |
| YUV | 218.1440, 18.1700, -41.3453 |
| Hunter-Lab | 86.7725, -19.0394, -11.4971 |

Details

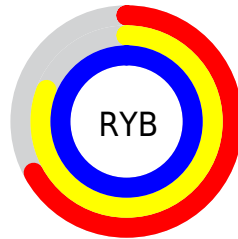
The Yxy color **75.2946, 0.2629, 0.3066** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4924, 0.3829, 0.3501**, and the grayscale version is **70.1226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **40.0304, 0.2521, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **69.2839, 0.2492, 0.2986**, and if you desaturate by 10%, it is **81.9824, 0.2775, 0.3141**.

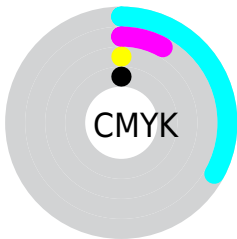
Distribution



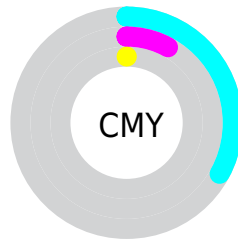
- Red (67%)
- Green (92%)
- Blue (100%)



- Red (67%)
- Yellow (81%)
- Blue (100%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2946, 0.2629, 0.3066 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 75.2946, 0.2629, 0.3066 by changing the saturation by 10% instead.


 75.2946, 0.2629,
0.3066

 75.2946, 0.2629,
0.3066

478.9295, 0.2854,
0.3173

 55.8543, 0.2579,
0.3041


 126.7293, 0.2706,
0.3104

 40.0861, 0.2518,
0.3010


159.4924, 0.2736,
0.3118

 27.6057, 0.2442,
0.2970


197.4653, 0.2762,
0.3130

 18.0286, 0.2345,
0.2918

241.0323, 0.2785,
0.3141

 10.9705, 0.2217,
0.2845

290.5779, 0.2805,
0.3151

 6.0470, 0.2040,
0.2740

346.4863, 0.2823,

 2.8737, 0.1782,

0.3159

0.2574

409.1421, 0.2839,
0.3166

1.0662, 0.1351,
0.2292

0.0000, 0.0000,
0.0000

75.2946, 0.2629,
0.3066

75.2946, 0.2629,
0.3066

69.2839, 0.2492,
0.2986

81.9824, 0.2775,
0.3141

63.9083, 0.2368,
0.2902

89.3690, 0.2927,
0.3210

59.1346, 0.2260,
0.2814

97.4855, 0.3082,
0.3273

54.9221, 0.2170,
0.2725

99.9988, 0.3127,
0.3290

■ 51.2241, 0.2100,
0.2636

■ 47.9838, 0.2049,
0.2547

■ 45.9047, 0.2024,
0.2484

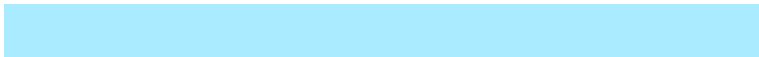
Harmonies

Analogous

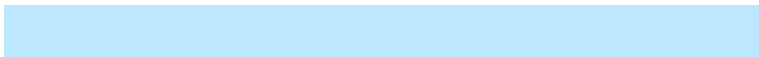
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2946, 0.2717, 0.3302



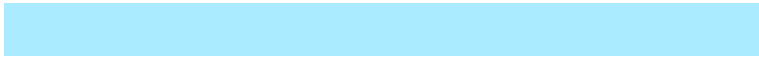
75.2946, 0.2629, 0.3066



75.2946, 0.2666, 0.2905

Triad

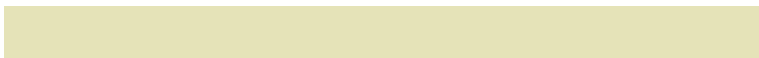
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2946, 0.2629, 0.3066



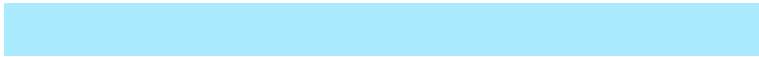
75.2946, 0.3333, 0.3050



75.2946, 0.3427, 0.3759

Complementary

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



75.2946, 0.2629, 0.3066



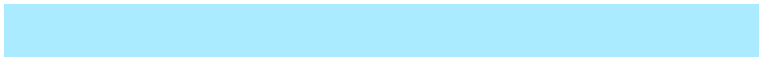
61.4924, 0.3829, 0.3501

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.



75.2946, 0.3605, 0.3665



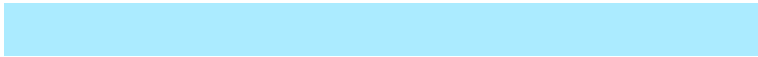
75.2946, 0.2629, 0.3066



75.2946, 0.3552, 0.3256

Square

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



75.2946, 0.2629, 0.3066



75.2946, 0.3064, 0.2904



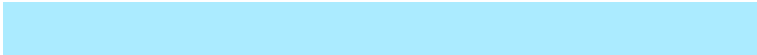
75.2946, 0.3653, 0.3479



75.2946, 0.3173, 0.3719

Rectangle

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



75.2946, 0.2629, 0.3066



75.2946, 0.2759, 0.2856



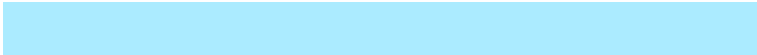
75.2946, 0.3653, 0.3479



75.2946, 0.3498, 0.3741

Sweetspot

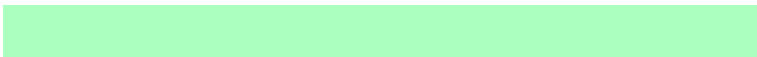
The Sweet Spot groups the original color and five complimentary colors.



75.2976, 0.2629, 0.3066



91.6650, 0.2972, 0.3229



83.9221, 0.2979, 0.4037



19.3821, 0.2950, 0.3220



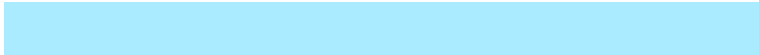
0.0000, 0.0000, 0.0000



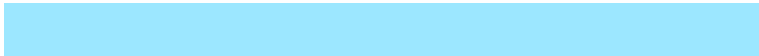
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2976, 0.2629, 0.3066



71.5657, 0.2544, 0.3018



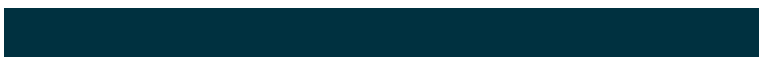
54.2268, 0.2567, 0.2576



19.7047, 0.2980, 0.3232



24.2326, 0.2028, 0.2499



2.5274, 0.2056, 0.2600

Inverse Universe

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



56.4104, 0.3325, 0.2649



50.6729, 0.3372, 0.2531



82.2562, 0.3692, 0.3913



18.2220, 0.3175, 0.3111



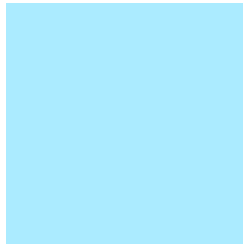
13.1743, 0.3923, 0.1935



1.2997, 0.3824, 0.1880

Previews

White Background



This preview shows how the Yxy color 75.2946, 0.2629, 0.3066 looks on a white background.

Color Contrast Check

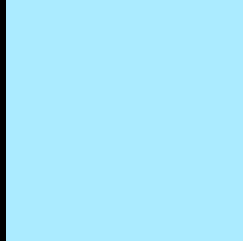
Large Text (above 18pt) WCAG AA × Fail

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 75.2946, 0.2629, 0.3066 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 75.2946, 0.2629, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 75.2946, 0.2629, 0.3066.

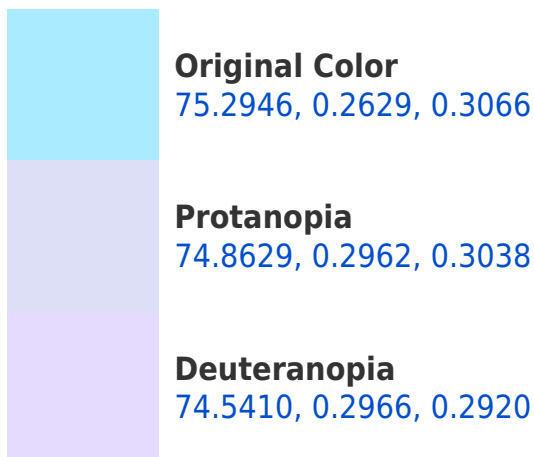


This preview shows how white text looks on a background with the Yxy color 75.2946, 0.2629, 0.3066.

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

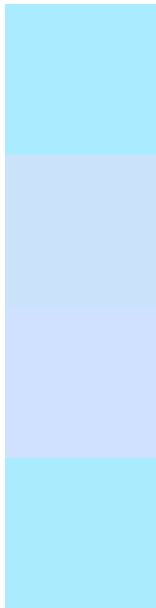




Tritanopia

75.2303, 0.2633, 0.3077

Trichromacy



Original Color

75.2946, 0.2629, 0.3066

Protanomaly

74.5368, 0.2830, 0.3042

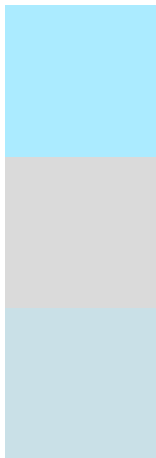
Deuteranomaly

74.4803, 0.2831, 0.2971

Tritanomaly

75.2303, 0.2633, 0.3077

Monochromacy



Original Color

75.2946, 0.2629, 0.3066

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.4983, 0.2927, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2946, 0.2629, 0.3066 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(171, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 235, 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(171, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.2946, 0.2629, 0.3066 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(171, 235, 255) }
```

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

```
.border{ border-color:rgb(171, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2946, 0.2629, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 235, 255) }
```

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

```
.background{ background-color: rgb(171,  
235, 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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