

Converting Colors

$Yxy(75.7288, 0.2685, 0.3054)$

Have a look what the booklet for
Yxy(75.7288, 0.2685, 0.3054)
contains.

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Color

Yxy(76.0107, 0.2686, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	B6EAFB
RGB	182, 234, 255
RGB Percent	71%, 92%, 100%
CMY	0.2864, 0.0823, 0.0000
CMYK	0.29, 0.08, 0.00, 0.00
HSL	197°, 100%, 86%
HSV	197°, 29%, 100%
XYZ	66.7641, 76.0107, 105.7886
YIQ	220.8460, -37.7330, -4.4930

Conversions

Conversions Part 2

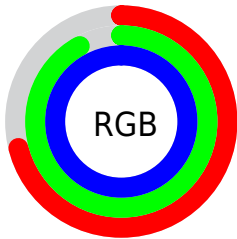
Format	Color
R _Y B	182, 212, 255
Decimal	11987711
CIE Lab	89.86, -11.85, -15.56
CIE LCh	90, 19.558, 232.722
Yxy	76.0107, 0.2686, 0.3058
Android (android.graphics.Color)	4290177791 (0xFFB6E AFF)
YUV	220.8460, 16.8379, -34.0679
Hunter-Lab	87.1841, -15.8799, -10.9132

Details

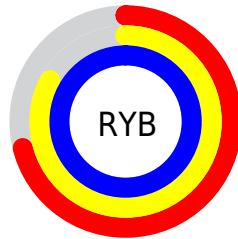
The Yxy color **76.0107, 0.2686, 0.3058** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3354, 0.3702, 0.3510**, and the grayscale version is **72.0894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **40.4300, 0.2589, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **69.0961, 0.2541, 0.2964**, and if you desaturate by 10%, it is **83.6649, 0.2838, 0.3146**.

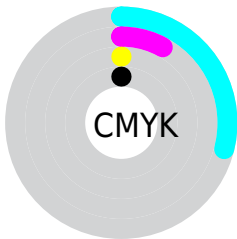
Distribution



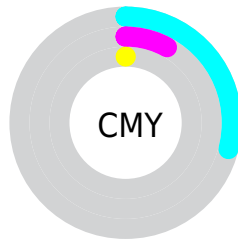
- Red (71%)
- Green (92%)
- Blue (100%)



- Red (71%)
- Yellow (83%)
- Blue (100%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0107, 0.2686, 0.3058 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 76.0107, 0.2686, 0.3058 by changing the saturation by 10% instead.

■ 76.0107, 0.2686,
0.3058

■ 76.0107, 0.2686,
0.3058

■ 481.3843, 0.2885,
0.3167

■ 56.4413, 0.2642,
0.3033

■ 127.7420, 0.2754,
0.3096

■ 40.5568, 0.2588,
0.3002

■ 160.6727, 0.2781,
0.3111

■ 27.9730, 0.2520,
0.2962

■ 198.8260, 0.2804,
0.3124

■ 18.3053, 0.2433,
0.2910

■ 242.5862, 0.2824,
0.3135

■ 11.1694, 0.2319,
0.2838

■ 292.3377, 0.2842,
0.3144

■ 6.1809, 0.2160,
0.2735

■ 348.4650, 0.2858,

■ 2.9554, 0.1927,

0.3153

0.2575

411.3524, 0.2873,
0.3160

1.1085, 0.1553,
0.2300

0.0000, 0.0000,
0.0000

76.0107, 0.2686,
0.3058

76.0107, 0.2686,
0.3058

69.0961, 0.2541,
0.2964

83.6649, 0.2838,
0.3146

62.8859, 0.2405,
0.2863

92.0867, 0.2993,
0.3227

57.3452, 0.2283,
0.2757

100.0000, 0.3127,
0.3290

52.4345, 0.2177,
0.2648

■ 48.1088, 0.2091,
0.2538

■ 44.3155, 0.2026,
0.2428

■ 40.9802, 0.1980,
0.2320

■ 40.5476, 0.1974,
0.2306

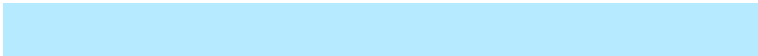
Harmonies

Analogous

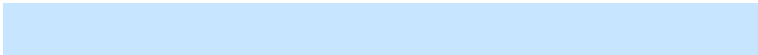
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0107, 0.2741, 0.3255



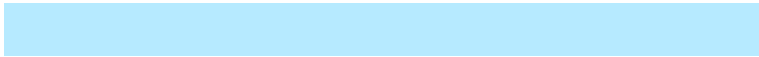
76.0107, 0.2686, 0.3058



76.0107, 0.2743, 0.2933

Triad

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



76.0107, 0.2686, 0.3058



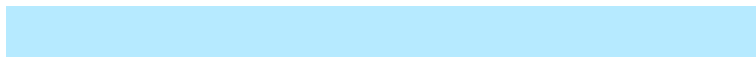
76.0107, 0.3354, 0.3115



76.0107, 0.3347, 0.3702

Complementary

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



76.0107, 0.2686, 0.3058



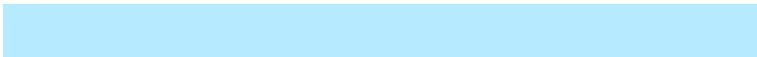
67.3354, 0.3702, 0.3510

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.



76.0107, 0.3521, 0.3645



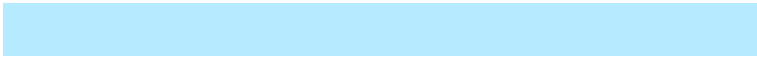
76.0107, 0.2686, 0.3058



76.0107, 0.3527, 0.3304

Square

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



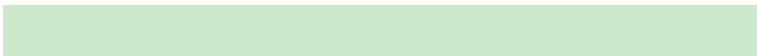
76.0107, 0.2686, 0.3058



76.0107, 0.3123, 0.2971



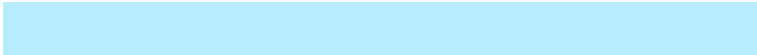
76.0107, 0.3589, 0.3497



76.0107, 0.3118, 0.3641

Rectangle

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



76.0107, 0.2686, 0.3058



76.0107, 0.2838, 0.2903



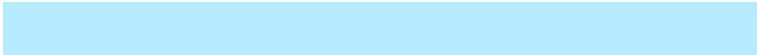
76.0107, 0.3589, 0.3497



76.0107, 0.3414, 0.3696

Sweetspot

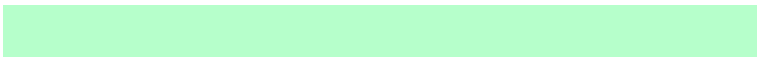
The Sweet Spot groups the original color and five complimentary colors.



76.0115, 0.2686, 0.3058



91.7663, 0.2987, 0.3224



85.7584, 0.2978, 0.3882



19.3699, 0.2965, 0.3213



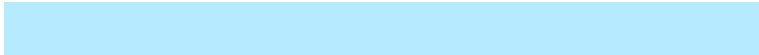
0.0000, 0.0000, 0.0000



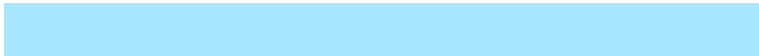
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0115, 0.2686, 0.3058



72.2123, 0.2607, 0.3008



57.4591, 0.2642, 0.2640



19.5471, 0.2980, 0.3220



21.4556, 0.1979, 0.2324



2.2764, 0.2013, 0.2447

Inverse Universe

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



60.6479, 0.3322, 0.2767



55.0935, 0.3369, 0.2667



86.4742, 0.3602, 0.3865



18.2061, 0.3182, 0.3122



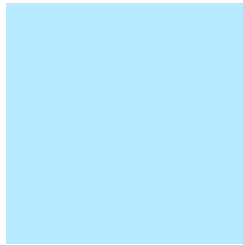
12.8939, 0.4102, 0.2033



1.2744, 0.3975, 0.1964

Previews

White Background



This preview shows how the Yxy color 76.0107, 0.2686, 0.3058 looks on a white background.

Color Contrast Check

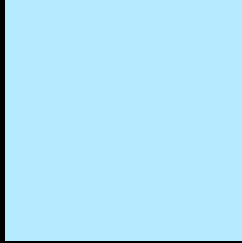
Large Text (above 18pt) WCAG AA × Fail

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 76.0107, 0.2686, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

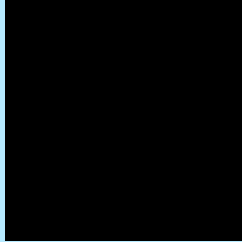
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

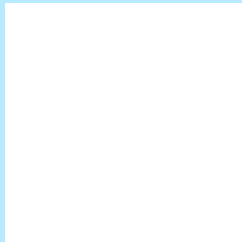
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0107, 0.2686, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 76.0107, 0.2686, 0.3058.

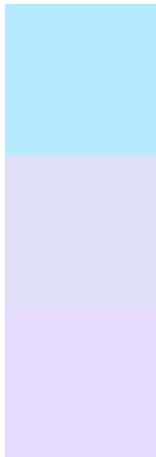


This preview shows how white text looks on a background with the Yxy color 76.0107, 0.2686, 0.3058.

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

76.0107, 0.2686, 0.3058

Protanopia

75.7766, 0.2969, 0.3039

Deuteranopia

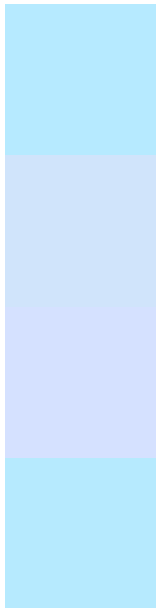
75.3953, 0.2979, 0.2932



Tritanopia

75.8826, 0.2697, 0.3080

Trichromacy



Original Color

76.0107, 0.2686, 0.3058

Protanomaly

75.8617, 0.2856, 0.3044

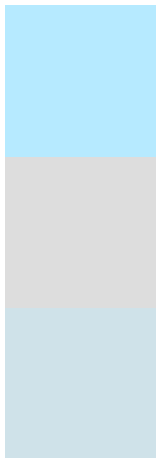
Deuteranomaly

75.2166, 0.2863, 0.2974

Tritanomaly

75.9465, 0.2691, 0.3069

Monochromacy



Original Color

76.0107, 0.2686, 0.3058

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.5413, 0.2955, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0107, 0.2686, 0.3058 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(182, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 234, 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(182, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 76.0107, 0.2686, 0.3058 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(182, 234, 255) }
```

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

```
.border{ border-color:rgb(182, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0107, 0.2686, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 234, 255) }
```

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

```
.background{ background-color: rgb(182,  
234, 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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