

Converting Colors

$Yxy(78.5380, 0.2479, 0.2603)$

Have a look what the booklet for
Yxy(78.5380, 0.2479, 0.2603)
contains.

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Color

Yxy(75.1236, 0.2695, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	B8E8FF
RGB	184, 232, 255
RGB Percent	72%, 91%, 100%
CMY	0.2786, 0.0901, 0.0001
CMYK	0.28, 0.09, 0.00, 0.00
HSL	199°, 100%, 86%
HSV	199°, 28%, 100%
XYZ	66.6638, 75.1236, 105.5738
YIQ	220.2700, -35.9910, -3.0230

Conversions

Conversions Part 2

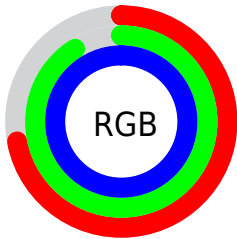
Format	Color
RYB	184, 213, 255
Decimal	12118271
CIELab	89.45, -10.29, -16.14
CIELCh	89, 19.140, 237.491
Yxy	75.1236, 0.2695, 0.3037
Android (android.graphics.Color)	4290308351 (0xFFB8E8FF)
YUV	220.2700, 17.1219, -31.8088
Hunter-Lab	86.6739, -14.3888, -11.5469

Details

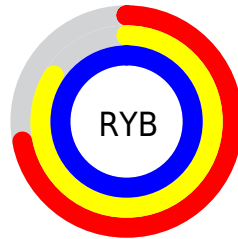
The Yxy color **75.1236, 0.2695, 0.3037** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3049, 0.3675, 0.3529**, and the grayscale version is **71.6621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **39.7950, 0.2598, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **67.7235, 0.2546, 0.2930**, and if you desaturate by 10%, it is **83.3149, 0.2849, 0.3136**.

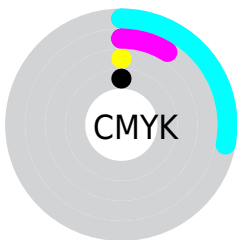
Distribution



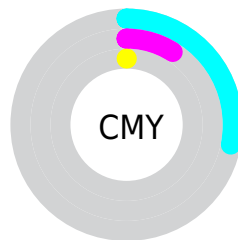
- Red (72%)
- Green (91%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (28%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1236, 0.2695, 0.3037 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 75.1236, 0.2695, 0.3037 by changing the saturation by 10% instead.

 75.1236, 0.2695,
0.3037

 75.1236, 0.2695,
0.3037


478.3423, 0.2891,
0.3156

 55.7142, 0.2651,
0.3010


 126.4873, 0.2762,
0.3078

 39.9738, 0.2598,
0.2976


159.2104, 0.2788,
0.3094

 27.5181, 0.2531,
0.2933


197.1401, 0.2811,
0.3108

 17.9627, 0.2446,
0.2877

240.6608, 0.2831,
0.3120

 10.9232, 0.2332,
0.2800

290.1570, 0.2849,
0.3131

 6.0152, 0.2174,
0.2689

346.0131, 0.2864,

 2.8543, 0.1942,

0.3140

0.2519

408.6134, 0.2878,
0.3148

1.0562, 0.1567,
0.2227

0.0000, 0.0000,
0.0000

75.1236, 0.2695,
0.3037

75.1236, 0.2695,
0.3037

67.7235, 0.2546,
0.2930

83.3149, 0.2849,
0.3136

61.0721, 0.2405,
0.2816

92.3196, 0.3005,
0.3226

55.1361, 0.2277,
0.2697

99.9985, 0.3127,
0.3290

49.8753, 0.2165,
0.2573

■ 45.2444, 0.2072,
0.2448

■ 41.1905, 0.1999,
0.2323

■ 37.6435, 0.1947,
0.2201

■ 36.9263, 0.1937,
0.2175

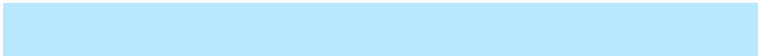
Harmonies

Analogous

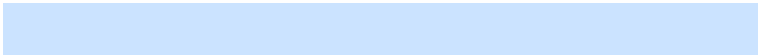
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1236, 0.2732, 0.3222



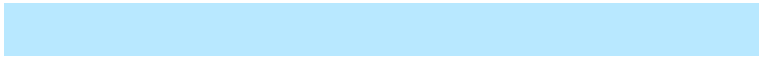
75.1236, 0.2695, 0.3037



75.1236, 0.2768, 0.2928

Triad

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



75.1236, 0.2695, 0.3037



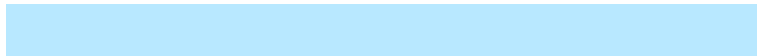
75.1236, 0.3383, 0.3145



75.1236, 0.3310, 0.3693

Complementary

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



75.1236, 0.2695, 0.3037



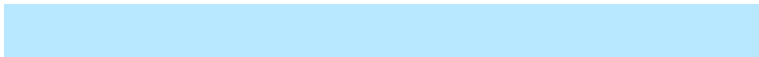
69.3049, 0.3675, 0.3529

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.



75.1236, 0.3493, 0.3655



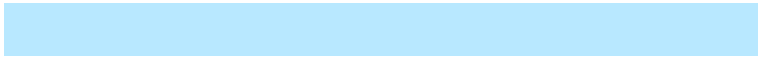
75.1236, 0.2695, 0.3037



75.1236, 0.3538, 0.3335

Square

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



75.1236, 0.2695, 0.3037



75.1236, 0.3160, 0.2994



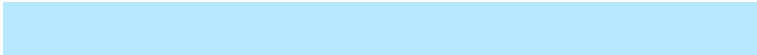
75.1236, 0.3579, 0.3521



75.1236, 0.3082, 0.3614

Rectangle

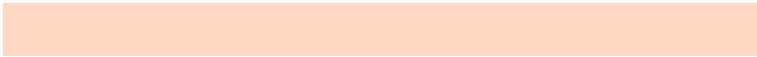
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1236, 0.2695, 0.3037



75.1236, 0.2871, 0.2909



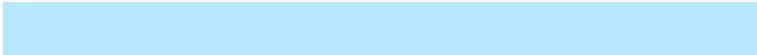
75.1236, 0.3579, 0.3521



75.1236, 0.3379, 0.3693

Sweetspot

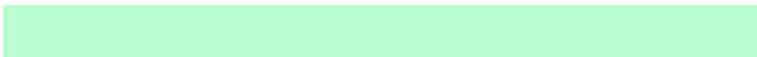
The Sweet Spot groups the original color and five complimentary colors.



75.1266, 0.2695, 0.3037



92.1975, 0.3003, 0.3224



86.1696, 0.2969, 0.3835



19.4330, 0.2980, 0.3211



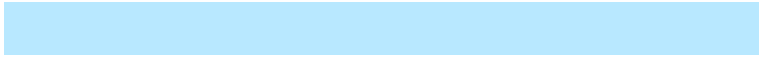
0.0000, 0.0000, 0.0000



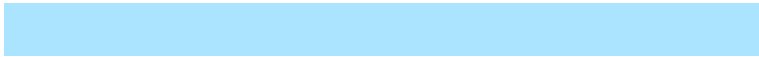
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1266, 0.2695, 0.3037



71.2327, 0.2617, 0.2983



57.3298, 0.2653, 0.2633



19.4330, 0.2980, 0.3211



19.5814, 0.1943, 0.2195



2.1050, 0.1982, 0.2334

Inverse Universe

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



61.3492, 0.3336, 0.2806



55.9190, 0.3385, 0.2714



88.1942, 0.3582, 0.3870



18.1946, 0.3188, 0.3130



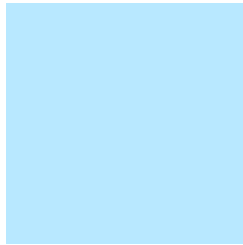
12.7047, 0.4238, 0.2108



1.2570, 0.4091, 0.2027

Previews

White Background



This preview shows how the Yxy color 75.1236, 0.2695, 0.3037 looks on a white background.

Color Contrast Check

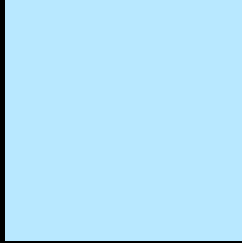
Large Text (above 18pt) WCAG AA × Fail

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 75.1236, 0.2695, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

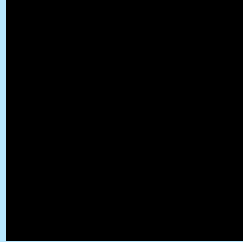
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

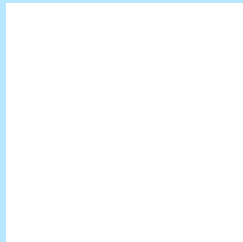
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1236, 0.2695, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 75.1236, 0.2695, 0.3037.

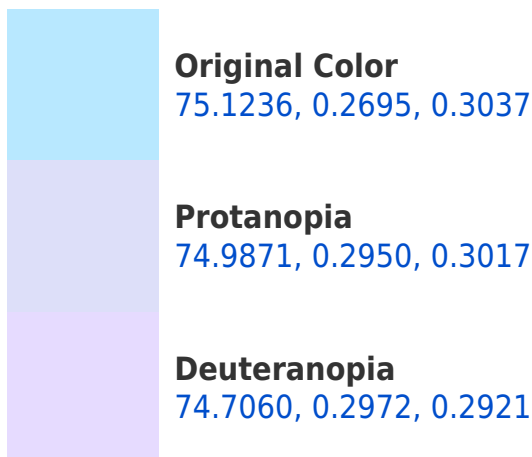


This preview shows how white text looks on a background with the Yxy color 75.1236, 0.2695, 0.3037.

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

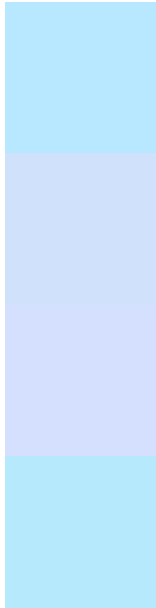




Tritanopia

75.3101, 0.2711, 0.3090

Trichromacy



Original Color

75.1236, 0.2695, 0.3037

Protanomaly

74.7676, 0.2855, 0.3023

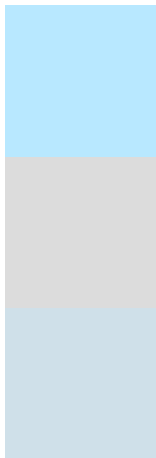
Deuteranomaly

74.6774, 0.2862, 0.2963

Tritanomaly

75.3734, 0.2706, 0.3079

Monochromacy



Original Color

75.1236, 0.2695, 0.3037

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4599, 0.2955, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1236, 0.2695, 0.3037 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, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 232, 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(184, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.1236, 0.2695, 0.3037 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, 232, 255) }
```

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

```
.border{ border-color:rgb(184, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(184, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1236, 0.2695, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 232, 255) }
```

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

```
.background{ background-color: rgb(184,  
232, 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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