

Converting Colors

$Yxy(74.5465, 0.2692, 0.3026)$

Have a look what the booklet for
Yxy(74.5465, 0.2692, 0.3026)
contains.

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Color

Yxy(74.5622, 0.2694, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	B8E7FF
RGB	184, 231, 255
RGB Percent	72%, 91%, 100%
CMY	0.2783, 0.0941, 0.0000
CMYK	0.28, 0.09, 0.00, 0.00
HSL	200°, 100%, 86%
HSV	200°, 28%, 100%
XYZ	66.4035, 74.5622, 105.5209
YIQ	219.6830, -35.7160, -2.5000

Conversions

Conversions Part 2

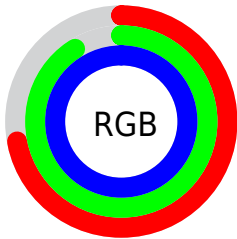
Format	Color
RYB	184, 212, 255
Decimal	12118015
CIELab	89.19, -9.73, -16.56
CIELCh	89, 19.209, 239.565
Yxy	74.5622, 0.2694, 0.3025
Android (android.graphics.Color)	4290308095 (0xFFB8E7FF)
YUV	219.6830, 17.4113, -31.2940
Hunter-Lab	86.3494, -13.8433, -12.0091

Details

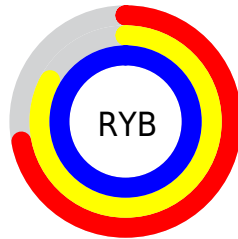
The Yxy color **74.5622, 0.2694, 0.3025** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8592, 0.3672, 0.3540**, and the grayscale version is **71.2386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **39.4043, 0.2596, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **66.9810, 0.2543, 0.2913**, and if you desaturate by 10%, it is **82.9516, 0.2849, 0.3129**.

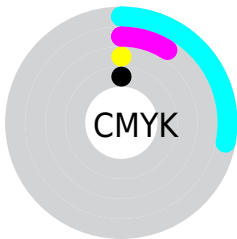
Distribution



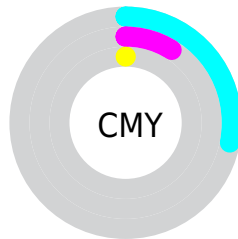
- Red (72%)
- Green (91%)
- Blue (100%)



- Red (72%)
- Yellow (83%)
- 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 74.5622, 0.2694, 0.3025 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 74.5622, 0.2694, 0.3025 by changing the saturation by 10% instead.

■ 74.5622, 0.2694,
0.3025

■ 74.5622, 0.2694,
0.3025

■ 476.4114, 0.2890,
0.3149

■ 55.2543, 0.2650,
0.2996

■ 125.6924, 0.2761,
0.3068

■ 39.6054, 0.2597,
0.2961

■ 158.2836, 0.2788,
0.3085

■ 27.2310, 0.2529,
0.2916

■ 196.0713, 0.2811,
0.3099

■ 17.7468, 0.2443,
0.2857

■ 239.4399, 0.2831,
0.3112

■ 10.7683, 0.2329,
0.2777

■ 288.7738, 0.2848,
0.3123

■ 5.9113, 0.2170,
0.2662

■ 344.4574, 0.2864,

■ 2.7912, 0.1935,

0.3133

0.2484

406.8752, 0.2878,
0.3141

1.0237, 0.1554,
0.2182

0.0000, 0.0000,
0.0000

74.5622, 0.2694,
0.3025

74.5622, 0.2694,
0.3025

66.9810, 0.2543,
0.2913

82.9516, 0.2849,
0.3129

60.1704, 0.2401,
0.2794

92.1770, 0.3006,
0.3223

54.0948, 0.2271,
0.2668

100.0000, 0.3127,
0.3290

48.7135, 0.2156,
0.2538

■ 43.9808, 0.2061,
0.2407

■ 39.8432, 0.1987,
0.2276

■ 36.2304, 0.1933,
0.2147

■ 35.4931, 0.1922,
0.2120

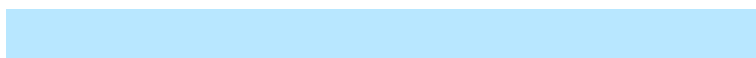
Harmonies

Analogous

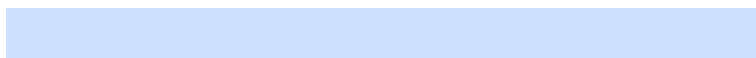
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5622, 0.2724, 0.3207



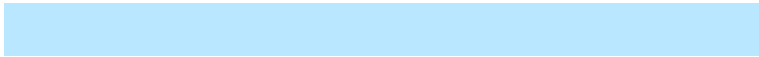
74.5622, 0.2694, 0.3025



74.5622, 0.2775, 0.2922

Triad

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



74.5622, 0.2694, 0.3025



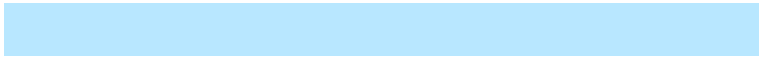
74.5622, 0.3398, 0.3157



74.5622, 0.3296, 0.3694

Complementary

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



74.5622, 0.2694, 0.3025



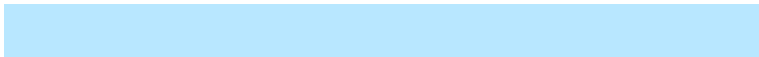
69.8592, 0.3672, 0.3540

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.



74.5622, 0.3485, 0.3664



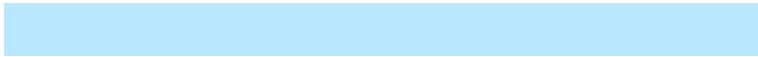
74.5622, 0.2694, 0.3025



74.5622, 0.3548, 0.3349

Square

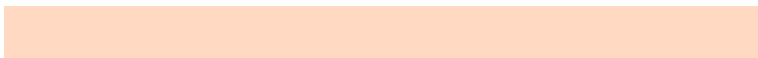
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5622, 0.2694, 0.3025



74.5622, 0.3177, 0.3001



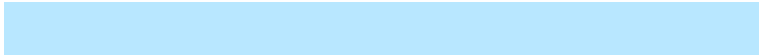
74.5622, 0.3580, 0.3534



74.5622, 0.3066, 0.3606

Rectangle

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



74.5622, 0.2694, 0.3025



74.5622, 0.2882, 0.2907



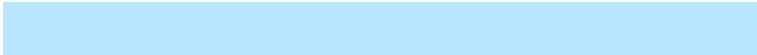
74.5622, 0.3580, 0.3534



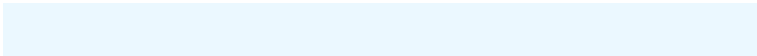
74.5622, 0.3366, 0.3697

Sweetspot

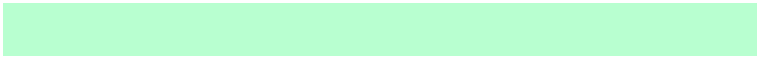
The Sweet Spot groups the original color and five complimentary colors.



74.5635, 0.2694, 0.3025



92.0092, 0.3003, 0.3221



86.2549, 0.2963, 0.3821



19.3854, 0.2980, 0.3208



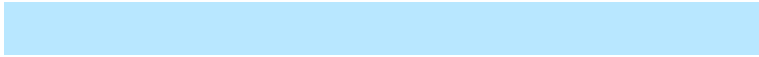
0.0000, 0.0000, 0.0000



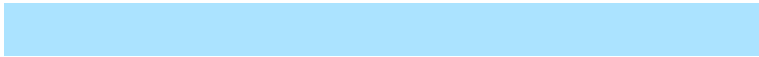
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5635, 0.2694, 0.3025



70.5418, 0.2615, 0.2968



56.8369, 0.2652, 0.2620



19.3854, 0.2980, 0.3208



18.8335, 0.1928, 0.2141



2.0361, 0.1969, 0.2287

Inverse Universe

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



61.3283, 0.3344, 0.2817



55.8492, 0.3396, 0.2726



88.9279, 0.3579, 0.3881



18.1898, 0.3190, 0.3134



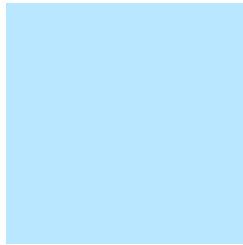
12.6292, 0.4296, 0.2140



1.2501, 0.4140, 0.2054

Previews

White Background



This preview shows how the Yxy color 74.5622, 0.2694, 0.3025 looks on a white background.

Color Contrast Check

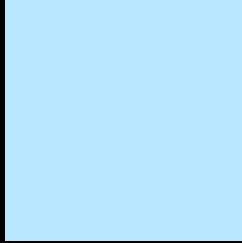
Large Text (above 18pt) WCAG AA × Fail

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 74.5622, 0.2694, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

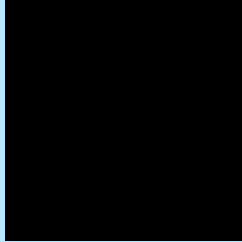
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

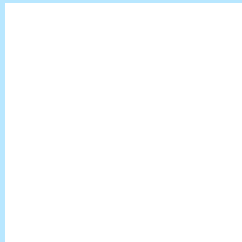
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5622, 0.2694, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 74.5622, 0.2694, 0.3025.

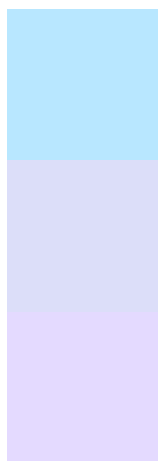


This preview shows how white text looks on a background with the Yxy color 74.5622, 0.2694, 0.3025.

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

74.5622, 0.2694, 0.3025

Protanopia

74.2977, 0.2943, 0.3006

Deuteranopia

73.8568, 0.2959, 0.2909



Tritanopia

74.6826, 0.2716, 0.3090

Trichromacy



Original Color

74.5622, 0.2694, 0.3025

Protanomaly

74.0809, 0.2848, 0.3011

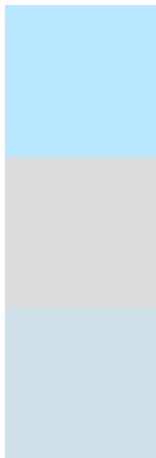
Deuteranomaly

73.9924, 0.2856, 0.2951

Tritanomaly

74.8088, 0.2705, 0.3068

Monochromacy



Original Color

74.5622, 0.2694, 0.3025

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 74.5622, 0.2694, 0.3025 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 231, 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, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.5622, 0.2694, 0.3025 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, 231, 255) }
```

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

```
.border{ border-color:rgb(184, 231, 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, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5622, 0.2694, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 231, 255) }
```

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

```
.background{ background-color: rgb(184,  
231, 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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