

Converting Colors

$Yxy(75.2049, 0.2722, 0.3028)$

Have a look what the booklet for
Yxy(75.2049, 0.2722, 0.3028)
contains.

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Color

Yxy(75.1906, 0.2722, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	BDE7FF
RGB	189, 231, 255
RGB Percent	74%, 91%, 100%
CMY	0.2589, 0.0941, 0.0000
CMYK	0.26, 0.09, 0.00, 0.00
HSL	202°, 100%, 87%
HSV	202°, 26%, 100%
XYZ	67.6144, 75.1906, 105.5947
YIQ	221.1780, -32.7360, -1.4400

Conversions

Conversions Part 2

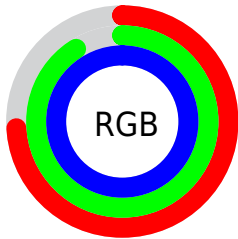
Format	Color
R _Y B	189, 215, 255
Decimal	12445695
CIE Lab	89.48, -8.32, -16.10
CIE LCh	89, 18.123, 242.672
Yxy	75.1906, 0.2722, 0.3027
Android (android.graphics.Color)	4290635775 (0xFFBDE7FF)
YUV	221.1780, 16.6742, -28.2201
Hunter-Lab	86.7125, -12.5609, -11.5020

Details

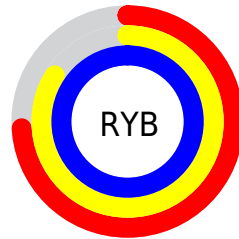
The Yxy color **75.1906, 0.2722, 0.3027** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5123, 0.3621, 0.3538**, and the grayscale version is **72.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **39.8055, 0.2630, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **67.1594, 0.2568, 0.2908**, and if you desaturate by 10%, it is **84.0700, 0.2879, 0.3137**.

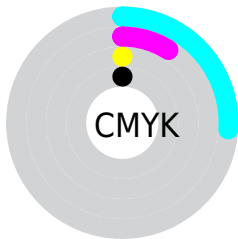
Distribution



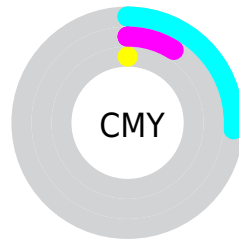
- Red (74%)
- Green (91%)
- Blue (100%)



- Red (74%)
- Yellow (84%)
- Blue (100%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1906, 0.2722, 0.3027 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 75.1906, 0.2722, 0.3027 by changing the saturation by 10% instead.

75.1906, 0.2722,
0.3027

75.1906, 0.2722,
0.3027

478.5724, 0.2906,
0.3150

55.7691, 0.2681,
0.2999

126.5821, 0.2785,
0.3070

40.0178, 0.2631,
0.2964

159.3209, 0.2810,
0.3086

27.5524, 0.2568,
0.2920

197.2675, 0.2831,
0.3100

17.9885, 0.2487,
0.2863

240.8064, 0.2850,
0.3113

10.9418, 0.2380,
0.2785

290.3220, 0.2866,
0.3124

6.0277, 0.2231,
0.2673

346.1985, 0.2881,

2.8619, 0.2010,

0.3133

0.2501

408.8206, 0.2894,
0.3142

■ 1.0601, 0.1656,
0.2209

■ 0.0000, 0.0000,
0.0000

■ 75.1906, 0.2722,
0.3027

■ 75.1906, 0.2722,
0.3027

■ 67.1594, 0.2568,
0.2908

■ 84.0700, 0.2879,
0.3137

■ 59.9419, 0.2421,
0.2781

■ 93.8294, 0.3036,
0.3236

■ 53.5012, 0.2285,
0.2646

100.0000, 0.3127,
0.3290

■ 47.7966, 0.2163,
0.2506

■ 42.7825, 0.2060,
0.2364

■ 38.4063, 0.1978,
0.2222

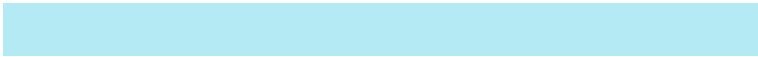
■ 34.6037, 0.1917,
0.2084

■ 33.1695, 0.1897,
0.2028

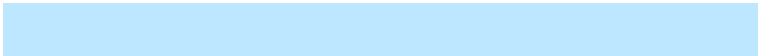
Harmonies

Analogous

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



75.1906, 0.2739, 0.3193



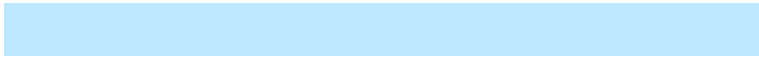
75.1906, 0.2722, 0.3027



75.1906, 0.2808, 0.2938

Triad

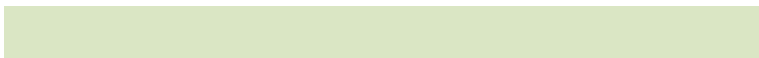
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1906, 0.2722, 0.3027



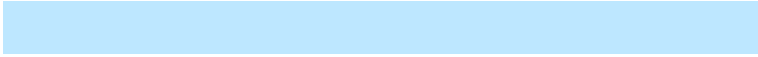
75.1906, 0.3401, 0.3182



75.1906, 0.3265, 0.3666

Complementary

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



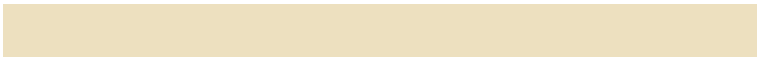
75.1906, 0.2722, 0.3027



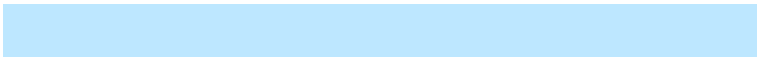
72.5123, 0.3621, 0.3538

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.



75.1906, 0.3449, 0.3649



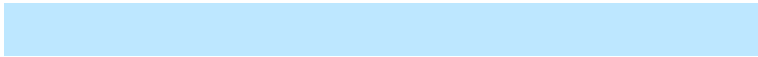
75.1906, 0.2722, 0.3027



75.1906, 0.3531, 0.3365

Square

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



75.1906, 0.2722, 0.3027



75.1906, 0.3197, 0.3030



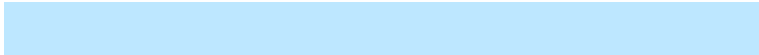
75.1906, 0.3549, 0.3536



75.1906, 0.3047, 0.3573

Rectangle

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



75.1906, 0.2722, 0.3027



75.1906, 0.2916, 0.2930



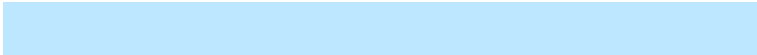
75.1906, 0.3549, 0.3536



75.1906, 0.3333, 0.3673

Sweetspot

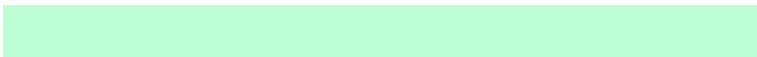
The Sweet Spot groups the original color and five complimentary colors.



75.1907, 0.2722, 0.3028



91.6939, 0.3003, 0.3216



87.0948, 0.2968, 0.3766



19.3058, 0.2980, 0.3202



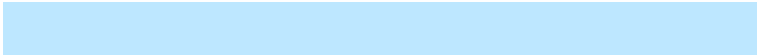
0.0000, 0.0000, 0.0000



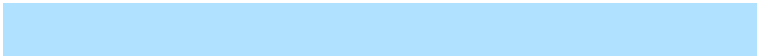
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1907, 0.2722, 0.3028



70.9816, 0.2643, 0.2968



58.8316, 0.2688, 0.2661



19.3058, 0.2980, 0.3202



17.6258, 0.1903, 0.2051



1.9241, 0.1947, 0.2208

Inverse Universe

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



63.4182, 0.3339, 0.2867



57.7966, 0.3392, 0.2780



90.2974, 0.3543, 0.3849



18.1817, 0.3194, 0.3140



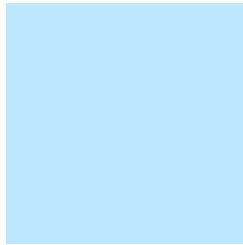
12.5073, 0.4396, 0.2195



1.2388, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 75.1906, 0.2722, 0.3027 looks on a white background.

Color Contrast Check

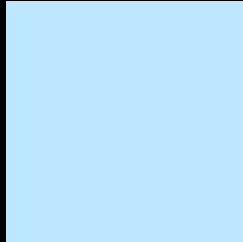
Large Text (above 18pt) WCAG AA × Fail

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 75.1906, 0.2722, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

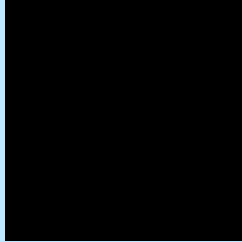
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

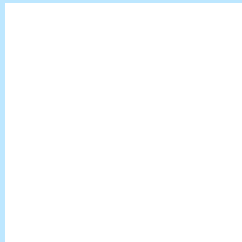
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1906, 0.2722, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 75.1906, 0.2722, 0.3027.



This preview shows how white text looks on a background with the Yxy color 75.1906, 0.2722, 0.3027.

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

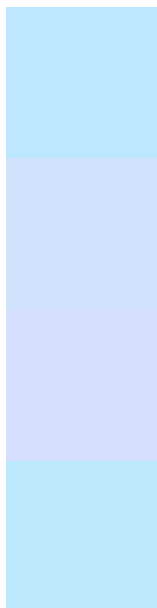




Tritanopia

75.3067, 0.2744, 0.3091

Trichromacy



Original Color

75.1906, 0.2722, 0.3027

Protanomaly

74.9763, 0.2855, 0.3013

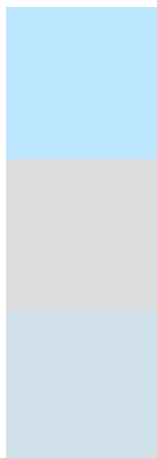
Deuteranomaly

74.4424, 0.2875, 0.2953

Tritanomaly

75.4329, 0.2734, 0.3070

Monochromacy



Original Color

75.1906, 0.2722, 0.3027

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.2889, 0.2968, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1906, 0.2722, 0.3027 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(189, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.1906, 0.2722, 0.3027 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(189, 231, 255) }
```

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

```
.border{ border-color:rgb(189, 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(189, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1906, 0.2722, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 231, 255) }
```

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

```
.background{ background-color: rgb(189,  
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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