

Converting Colors

$Yxy(72.1496, 0.2718, 0.2987)$

Have a look what the booklet for
Yxy(72.1496, 0.2718, 0.2987)
contains.

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Color

Yxy(72.1759, 0.2722, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	BCE2FD
RGB	188, 226, 253
RGB Percent	74%, 89%, 99%
CMY	0.2628, 0.1137, 0.0079
CMYK	0.26, 0.11, 0.00, 0.01
HSL	205°, 94%, 86%
HSV	205°, 26%, 99%
XYZ	65.6627, 72.1759, 103.3910
YIQ	217.7160, -31.3150, 0.3410

Conversions

Conversions Part 2

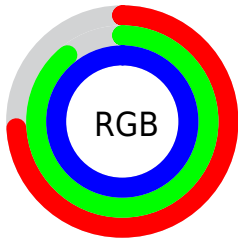
Format	Color
R _Y B	188, 212, 253
Decimal	12378877
CIE Lab	88.05, -6.50, -17.18
CIE LCh	88, 18.365, 249.281
Yxy	72.1759, 0.2722, 0.2992
Android (android.graphics.Color)	4290568957 (0xFFBCE2FD)
YUV	217.7160, 17.3950, -26.0609
Hunter-Lab	84.9564, -10.7113, -12.6858

Details

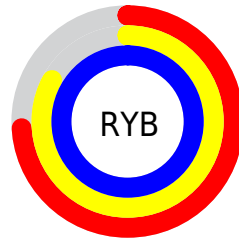
The Yxy color **72.1759, 0.2722, 0.2992** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.1036, 0.3608, 0.3570**, and the grayscale version is **69.8004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **38.0979, 0.2629, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **63.7035, 0.2564, 0.2855**, and if you desaturate by 10%, it is **81.5673, 0.2882, 0.3117**.

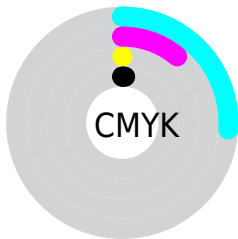
Distribution



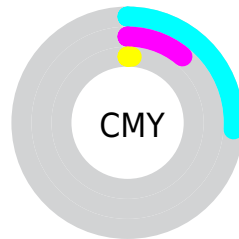
- Red (74%)
- Green (89%)
- Blue (99%)



- Red (74%)
- Yellow (83%)
- Blue (99%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (26%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1759, 0.2722, 0.2992 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 72.1759, 0.2722, 0.2992 by changing the saturation by 10% instead.

72.1759, 0.2722,
0.2992

72.1759, 0.2722,
0.2992

468.1536, 0.2907,
0.3131

53.3024, 0.2680,
0.2960

122.3066, 0.2786,
0.3040

38.0442, 0.2629,
0.2921

154.3325, 0.2811,
0.3059

26.0170, 0.2565,
0.2871

191.5114, 0.2832,
0.3075

16.8364, 0.2482,
0.2805

234.2276, 0.2851,
0.3089

10.1179, 0.2372,
0.2716

282.8655, 0.2868,
0.3102

5.4772, 0.2216,
0.2588

337.8096, 0.2882,

2.5299, 0.1985,

0.3113

0.2392

399.4442, 0.2895,
0.3122

0.8915, 0.1592,
0.2061

0.0000, 0.0000,
0.0000

72.1759, 0.2722,
0.2992

72.1759, 0.2722,
0.2992

63.7035, 0.2564,
0.2855

81.5673, 0.2882,
0.3117

56.1057, 0.2411,
0.2708

91.9023, 0.3039,
0.3231

49.3470, 0.2267,
0.2553

99.8713, 0.3139,
0.3309

43.3853, 0.2138,
0.2391

■ 38.1738, 0.2026,
0.2228

■ 33.6586, 0.1936,
0.2065

■ 29.7743, 0.1869,
0.1908

■ 28.2563, 0.1845,
0.1841

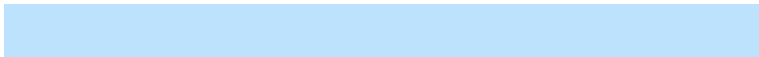
Harmonies

Analogous

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



72.1759, 0.2716, 0.3147



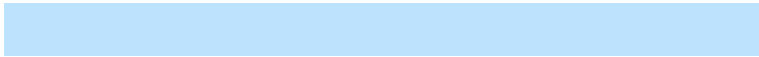
72.1759, 0.2722, 0.2992



72.1759, 0.2832, 0.2922

Triad

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



72.1759, 0.2722, 0.2992



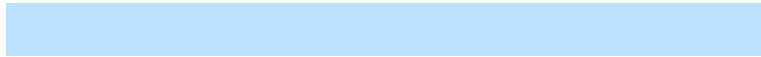
72.1759, 0.3446, 0.3219



72.1759, 0.3220, 0.3665

Complementary

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



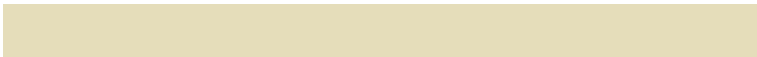
72.1759, 0.2722, 0.2992



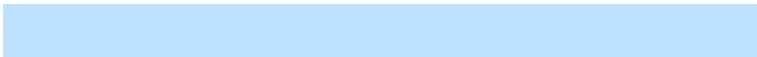
73.1036, 0.3608, 0.3570

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.



72.1759, 0.3422, 0.3673



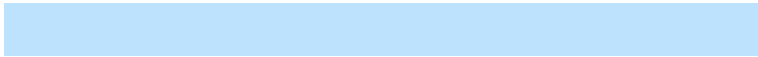
72.1759, 0.2722, 0.2992



72.1759, 0.3557, 0.3408

Square

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



72.1759, 0.2722, 0.2992



72.1759, 0.3248, 0.3053



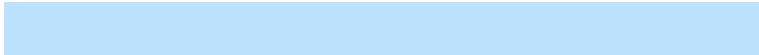
72.1759, 0.3547, 0.3575



72.1759, 0.2998, 0.3546

Rectangle

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



72.1759, 0.2722, 0.2992



72.1759, 0.2953, 0.2927



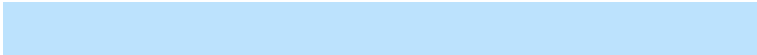
72.1759, 0.3547, 0.3575



72.1759, 0.3292, 0.3681

Sweetspot

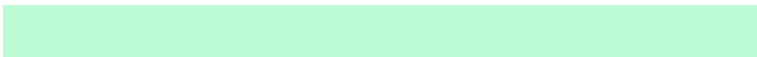
The Sweet Spot groups the original color and five complimentary colors.



72.1788, 0.2722, 0.2992



91.0487, 0.3003, 0.3206



85.7912, 0.2952, 0.3724



19.1431, 0.2979, 0.3189



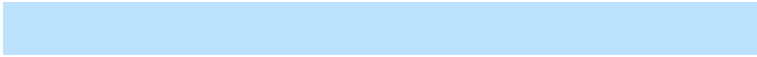
0.0000, 0.0000, 0.0000



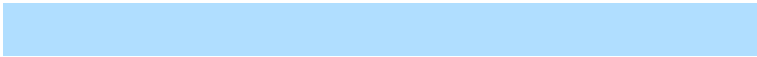
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1788, 0.2722, 0.2992



68.7822, 0.2637, 0.2921



56.5874, 0.2688, 0.2629



19.1431, 0.2979, 0.3189



15.3269, 0.1852, 0.1866



1.7081, 0.1901, 0.2044

Inverse Universe

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



62.3377, 0.3363, 0.2903



57.5746, 0.3426, 0.2820



90.7233, 0.3532, 0.3875



18.1653, 0.3202, 0.3152



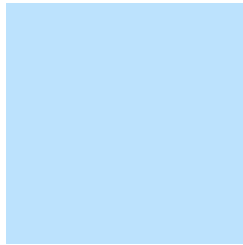
12.2752, 0.4607, 0.2312



1.2170, 0.4403, 0.2199

Previews

White Background



This preview shows how the Yxy color 72.1759, 0.2722, 0.2992 looks on a white background.

Color Contrast Check

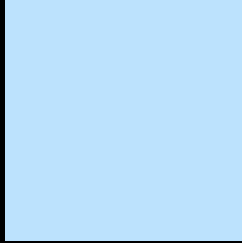
Large Text (above 18pt) WCAG AA × Fail

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 72.1759, 0.2722, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

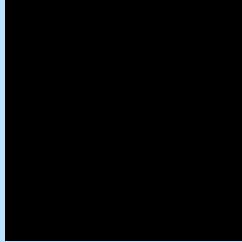
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

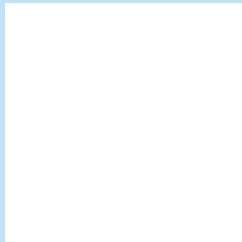
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1759, 0.2722, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 72.1759, 0.2722, 0.2992.



This preview shows how white text looks on a background with the Yxy color 72.1759, 0.2722, 0.2992.

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

72.1759, 0.2722, 0.2992

Protanopia

72.0393, 0.2922, 0.2981

Deuteranopia

71.8284, 0.2938, 0.2875



Tritanopia

71.9698, 0.2755, 0.3088

Trichromacy



Original Color

72.1759, 0.2722, 0.2992

Protanomaly

72.2665, 0.2846, 0.2988

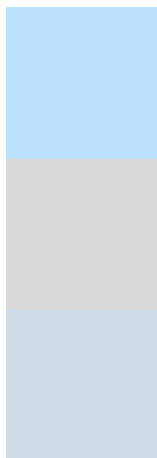
Deuteranomaly

71.8158, 0.2859, 0.2918

Tritanomaly

72.2803, 0.2744, 0.3056

Monochromacy



Original Color

72.1759, 0.2722, 0.2992

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7478, 0.2966, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1759, 0.2722, 0.2992 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(188, 226, 253)` looks like.

```
.text, #text, p{  
    color:rgb(188, 226, 253)  
}
```

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(188, 226, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 226, 253) }
```

Border

The CSS property to change the border of an element to Yxy 72.1759, 0.2722, 0.2992 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(188, 226, 253) }
```

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

```
.border{ border-color:rgb(188, 226, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 226, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 226, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 226, 253);  
box-shadow:4px 4px 4px 4px rgb(188, 226,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1759, 0.2722, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 226, 253) }
```

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

```
.background{ background-color: rgb(188,  
226, 253) }
```

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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