

Converting Colors

$Yxy(69.1739, 0.2724, 0.2898)$

Have a look what the booklet for
Yxy(69.1739, 0.2724, 0.2898)
contains.

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Color

Yxy(68.9594, 0.2722, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	BFDBFF
RGB	191, 219, 255
RGB Percent	75%, 86%, 100%
CMY	0.2507, 0.1412, 0.0000
CMYK	0.25, 0.14, 0.00, 0.00
HSL	214°, 100%, 87%
HSV	214°, 25%, 100%
XYZ	64.8833, 68.9594, 104.5237
YIQ	214.7320, -28.2440, 5.2600

Conversions

Conversions Part 2

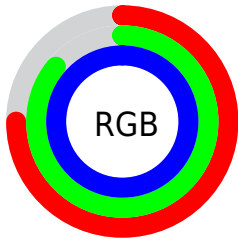
Format	Color
R _Y B	191, 210, 255
Decimal	12573695
CIE Lab	86.48, -1.49, -20.60
CIE LCh	86, 20.652, 265.866
Yxy	68.9594, 0.2722, 0.2893
Android (android.graphics.Color)	4290763775 (0xFFBFDDBFF)
YUV	214.7320, 19.8521, -20.8130
Hunter-Lab	83.0418, -5.8551, -16.4983

Details

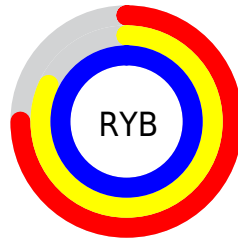
The Yxy color **68.9594, 0.2722, 0.2893** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.0084, 0.3571, 0.3657**, and the grayscale version is **67.6494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **35.8624, 0.2625, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **58.7611, 0.2552, 0.2705**, and if you desaturate by 10%, it is **80.3816, 0.2889, 0.3065**.

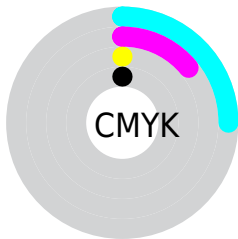
Distribution



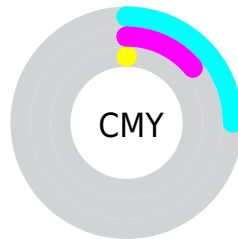
- Red (75%)
- Green (86%)
- Blue (100%)



- Red (75%)
- Yellow (82%)
- Blue (100%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9594, 0.2722, 0.2893 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 68.9594, 0.2722, 0.2893 by changing the saturation by 10% instead.

■ 68.9594, 0.2722,
0.2893

■ 68.9594, 0.2722,
0.2893

■ 456.8878, 0.2909,
0.3077

■ 50.6786, 0.2680,
0.2851

■ 117.7236, 0.2787,
0.2957

■ 35.9529, 0.2627,
0.2799

■ 148.9758, 0.2812,
0.2982

■ 24.3978, 0.2562,
0.2734

■ 185.3206, 0.2834,
0.3003

■ 15.6290, 0.2476,
0.2649

■ 227.1425, 0.2853,
0.3022

■ 9.2620, 0.2361,
0.2534

■ 274.8257, 0.2869,
0.3038

■ 4.9125, 0.2199,
0.2371

■ 328.7547, 0.2884,

■ 2.1960, 0.1956,

0.3053

0.2125

389.3140, 0.2897,
0.3066

0.7178, 0.1534,
0.1705

0.0000, 0.0000,
0.0000

68.9594, 0.2722,
0.2893

68.9594, 0.2722,
0.2893

58.7611, 0.2552,
0.2705

80.3816, 0.2889,
0.3065

49.7385, 0.2382,
0.2502

93.0689, 0.3049,
0.3219

41.8428, 0.2217,
0.2287

100.0000, 0.3127,
0.3290

35.0204, 0.2065,
0.2065

■ 29.2124, 0.1931,
0.1844

■ 24.3519, 0.1821,
0.1630

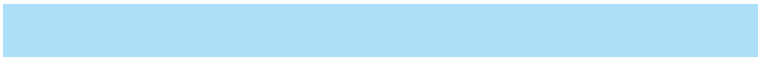
■ 20.3603, 0.1738,
0.1430

■ 18.6650, 0.1705,
0.1339

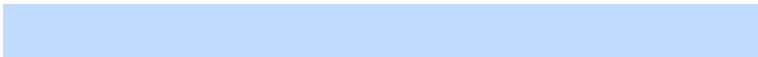
Harmonies

Analogous

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



68.9594, 0.2648, 0.3017



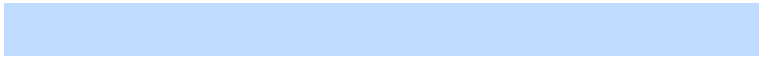
68.9594, 0.2722, 0.2893



68.9594, 0.2902, 0.2874

Triad

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



68.9594, 0.2722, 0.2893



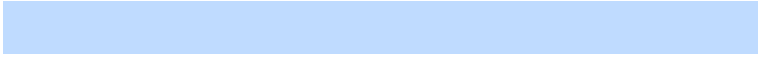
68.9594, 0.3578, 0.3327



68.9594, 0.3090, 0.3659

Complementary

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



68.9594, 0.2722, 0.2893



80.0084, 0.3571, 0.3657

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.



68.9594, 0.3342, 0.3740



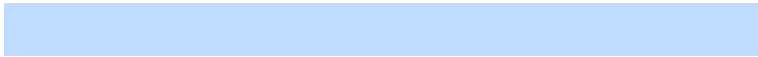
68.9594, 0.2722, 0.2893



68.9594, 0.3630, 0.3534

Square

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



68.9594, 0.2722, 0.2893



68.9594, 0.3399, 0.3119



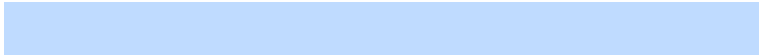
68.9594, 0.3542, 0.3689



68.9594, 0.2855, 0.3466

Rectangle

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



68.9594, 0.2722, 0.2893



68.9594, 0.3063, 0.2919



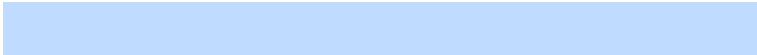
68.9594, 0.3542, 0.3689



68.9594, 0.3175, 0.3701

Sweetspot

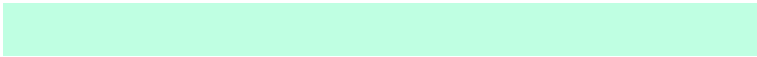
The Sweet Spot groups the original color and five complimentary colors.



68.9602, 0.2722, 0.2893



89.2197, 0.3003, 0.3175



88.1088, 0.2905, 0.3603



18.6827, 0.2979, 0.3152



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.



68.9602, 0.2722, 0.2893



63.7835, 0.2638, 0.2803



56.0157, 0.2715, 0.2577



18.6827, 0.2979, 0.3152



10.0376, 0.1714, 0.1369



1.1901, 0.1775, 0.1588

Inverse Universe

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



63.6649, 0.3431, 0.3006



58.0488, 0.3510, 0.2947



95.9433, 0.3486, 0.3923



18.1188, 0.3225, 0.3187



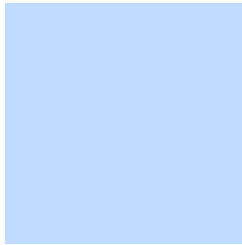
11.7413, 0.5232, 0.2656



1.1647, 0.4946, 0.2498

Previews

White Background



This preview shows how the Yxy color 68.9594, 0.2722, 0.2893 looks on a white background.

Color Contrast Check

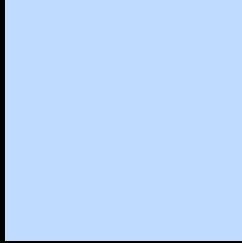
Large Text (above 18pt) WCAG AA × Fail

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 68.9594, 0.2722, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

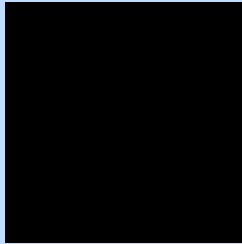
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

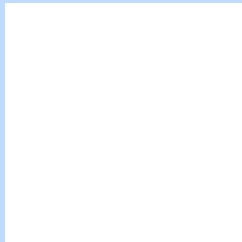
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9594, 0.2722, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 68.9594, 0.2722, 0.2893.



This preview shows how white text looks on a background with the Yxy color 68.9594, 0.2722, 0.2893.

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

68.9594, 0.2722, 0.2893

Protanopia

68.6767, 0.2849, 0.2881

Deuteranopia

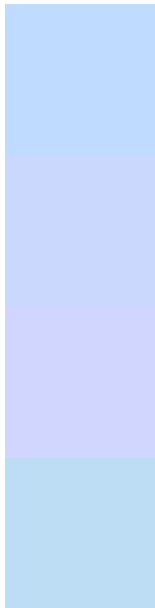
68.5602, 0.2883, 0.2825



Tritanopia

69.1659, 0.2796, 0.3097

Trichromacy



Original Color

68.9594, 0.2722, 0.2893

Protanomaly

68.7601, 0.2799, 0.2888

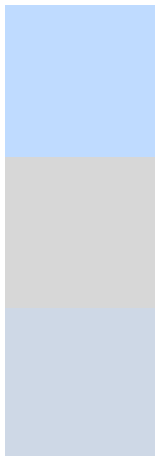
Deuteranomaly

68.7230, 0.2825, 0.2850

Tritanomaly

69.1243, 0.2767, 0.3021

Monochromacy



Original Color

68.9594, 0.2722, 0.2893

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9467, 0.2965, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9594, 0.2722, 0.2893 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(191, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 219, 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(191, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.9594, 0.2722, 0.2893 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(191, 219, 255) }
```

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

```
.border{ border-color:rgb(191, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9594, 0.2722, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 255) }
```

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

```
.background{ background-color: rgb(191,  
219, 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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