

Converting Colors

Yxy(69.9830, 0.2543, 0.2532)

Have a look what the booklet for
Yxy(69.9830, 0.2543, 0.2532)
contains.

Yxy(67.4081, 0.2719, 0.2859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.4081, 0.2719, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	BFD8FF
RGB	191, 216, 255
RGB Percent	75%, 85%, 100%
CMY	0.2507, 0.1530, 0.0000
CMYK	0.25, 0.15, 0.00, 0.00
HSL	217°, 100%, 87%
HSV	217°, 25%, 100%
XYZ	64.1072, 67.4081, 104.2597
YIQ	212.9710, -27.4190, 6.8290

Conversions

Conversions Part 2

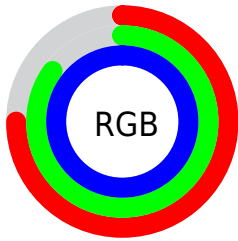
Format	Color
R_{YB}	191, 209, 255
Decimal	12572927
CIE Lab	85.71, 0.09, -21.77
CIE LCh	86, 21.767, 270.227
Yxy	67.4081, 0.2719, 0.2859
Android (android.graphics.Color)	4290763007 (0xFFBFD8FF)
YUV	212.9710, 20.7203, -19.2686
Hunter-Lab	82.1024, -4.3028, -17.8191

Details

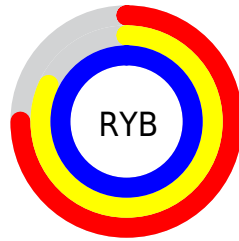
The Yxy color **67.4081, 0.2719, 0.2859** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **81.6660, 0.3564, 0.3686**, and the grayscale version is **66.3994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **34.8012, 0.2620, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **56.7850, 0.2545, 0.2654**, and if you desaturate by 10%, it is **79.3643, 0.2888, 0.3046**.

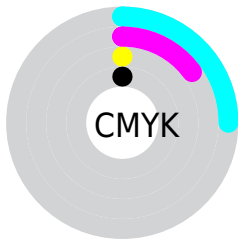
Distribution



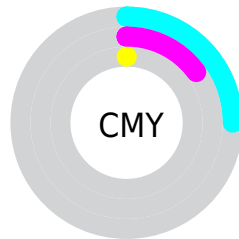
- Red (75%)
- Green (85%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4081, 0.2719, 0.2859 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 67.4081, 0.2719, 0.2859 by changing the saturation by 10% instead.

■ 67.4081, 0.2719,
0.2859

■ 67.4081, 0.2719,
0.2859

■ 451.3960, 0.2908,
0.3059

■ 49.4164, 0.2676,
0.2813

■ 115.5050, 0.2785,
0.2928

■ 34.9499, 0.2623,
0.2757

■ 146.3789, 0.2810,
0.2955

■ 23.6243, 0.2556,
0.2686

■ 182.3157, 0.2832,
0.2978

■ 15.0551, 0.2468,
0.2594

■ 223.6997, 0.2851,
0.2999

■ 8.8581, 0.2350,
0.2470

■ 270.9153, 0.2868,
0.3017

■ 4.6487, 0.2184,
0.2294

■ 324.3470, 0.2883,

■ 2.0427, 0.1932,

0.3032

0.2029

384.3791, 0.2896,
0.3046

0.6321, 0.1486,
0.1557

0.0000, 0.0000,
0.0000

67.4081, 0.2719,
0.2859

67.4081, 0.2719,
0.2859

56.7850, 0.2545,
0.2654

79.3643, 0.2888,
0.3046

47.4408, 0.2369,
0.2433

92.6979, 0.3049,
0.3213

39.3225, 0.2199,
0.2200

100.0000, 0.3127,
0.3290

32.3712, 0.2040,
0.1960

■ 26.5222, 0.1900,
0.1723

■ 21.7029, 0.1785,
0.1497

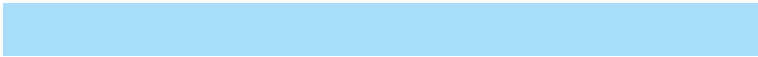
■ 17.8278, 0.1700,
0.1291

■ 16.2153, 0.1666,
0.1198

Harmonies

Analogous

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



67.4081, 0.2623, 0.2974



67.4081, 0.2719, 0.2859



67.4081, 0.2923, 0.2856

Triad

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



67.4081, 0.2719, 0.2859



67.4081, 0.3624, 0.3361



67.4081, 0.3048, 0.3660

Complementary

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



67.4081, 0.2719, 0.2859



81.6660, 0.3564, 0.3686

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.



67.4081, 0.3317, 0.3765



67.4081, 0.2719, 0.2859



67.4081, 0.3657, 0.3577

Square

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



67.4081, 0.2719, 0.2859



67.4081, 0.3450, 0.3138



67.4081, 0.3542, 0.3729



67.4081, 0.2807, 0.3441

Rectangle

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



67.4081, 0.2719, 0.2859



67.4081, 0.3098, 0.2913



67.4081, 0.3542, 0.3729



67.4081, 0.3138, 0.3710

Sweetspot

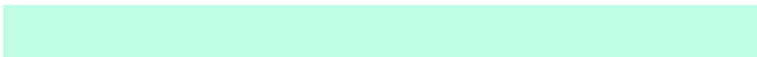
The Sweet Spot groups the original color and five complimentary colors.



67.4092, 0.2719, 0.2859



88.6464, 0.3003, 0.3166



88.2865, 0.2888, 0.3568



18.5387, 0.2979, 0.3141



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.



67.4092, 0.2719, 0.2859



62.0088, 0.2634, 0.2761



56.4451, 0.2737, 0.2582



18.5387, 0.2979, 0.3141



8.7416, 0.1675, 0.1229



1.0559, 0.1737, 0.1453

Inverse Universe

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



63.5092, 0.3455, 0.3036



57.8696, 0.3541, 0.2983



95.3523, 0.3464, 0.3928



18.1043, 0.3233, 0.3198



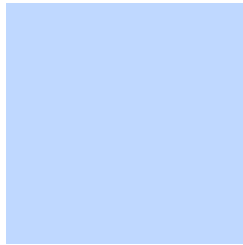
11.6104, 0.5426, 0.2763



1.1511, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 67.4081, 0.2719, 0.2859 looks on a white background.

Color Contrast Check

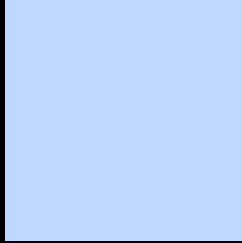
Large Text (above 18pt) WCAG AA × Fail

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 67.4081, 0.2719, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

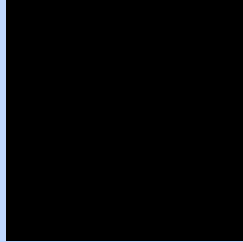
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

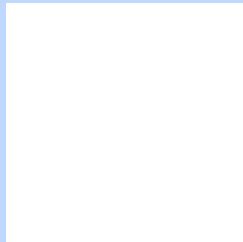
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4081, 0.2719, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 67.4081, 0.2719, 0.2859.



This preview shows how white text looks on a background with the Yxy color 67.4081, 0.2719, 0.2859.

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

67.4081, 0.2719, 0.2859

Protanopia

67.2371, 0.2828, 0.2857

Deuteranopia

67.1171, 0.2862, 0.2801



Tritanopia

67.3423, 0.2799, 0.3084

Trichromacy



Original Color

67.4081, 0.2719, 0.2859

Protanomaly

67.0979, 0.2790, 0.2854

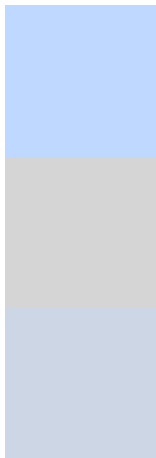
Deuteranomaly

67.4288, 0.2810, 0.2826

Tritanomaly

67.3658, 0.2764, 0.2996

Monochromacy



Original Color

67.4081, 0.2719, 0.2859

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6737, 0.2971, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4081, 0.2719, 0.2859 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 216, 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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 216, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.4081, 0.2719, 0.2859 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, 216, 255) }
```

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

```
.border{ border-color:rgb(191, 216, 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, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 216,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4081, 0.2719, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 216, 255) }
```

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

```
.background{ background-color: rgb(191,  
216, 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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