

Converting Colors

Yxy(66.9206, 0.2718, 0.2935)

Have a look what the booklet for
Yxy(66.9206, 0.2718, 0.2935)
contains.

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Color

Yxy(66.7795, 0.2716, 0.2930)

Conversions

Conversions Part 1

Format	Color
Hex	B9D9F9
RGB	185, 217, 249
RGB Percent	73%, 85%, 98%
CMY	0.2748, 0.1489, 0.0236
CMYK	0.26, 0.13, 0.00, 0.02
HSL	210°, 84%, 85%
HSV	210°, 26%, 98%
XYZ	61.9021, 66.7795, 99.2348
YIQ	211.0800, -29.3440, 3.1680

Conversions

Conversions Part 2

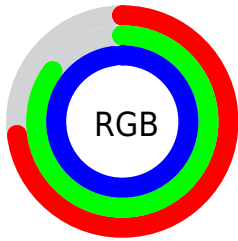
Format	Color
R _Y B	185, 206, 249
Decimal	12179961
CIE Lab	85.39, -3.63, -19.09
CIE LCh	85, 19.437, 259.227
Yxy	66.7795, 0.2716, 0.2930
Android (android.graphics.Color)	4290370041 (0xFFB9D9F9)
YUV	211.0800, 18.6946, -22.8722
Hunter-Lab	81.7187, -7.7937, -14.7955

Details

The Yxy color **66.7795, 0.2716, 0.2930** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.1980, 0.3595, 0.3625**, and the grayscale version is **65.0778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **34.5162, 0.2618, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **57.7889, 0.2551, 0.2764**, and if you desaturate by 10%, it is **76.7995, 0.2880, 0.3082**.

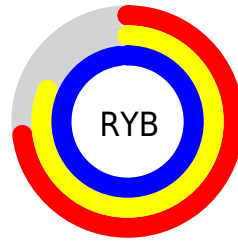
Distribution



Red (73%)

Green (85%)

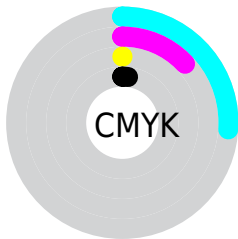
Blue (98%)



Red (73%)

Yellow (81%)

Blue (98%)

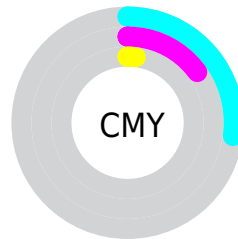


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7795, 0.2716, 0.2930 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 66.7795, 0.2716, 0.2930 by changing the saturation by 10% instead.

■ 66.7795, 0.2716,
0.2930

■ 66.7795, 0.2716,
0.2930

449.1595, 0.2907,
0.3099

■ 48.9055, 0.2673,
0.2891

■ 114.6044, 0.2782,
0.2989

■ 34.5445, 0.2619,
0.2843

145.3240, 0.2808,
0.3012

■ 23.3122, 0.2551,
0.2781

181.0943, 0.2830,
0.3031

■ 14.8242, 0.2463,
0.2701

222.2997, 0.2849,
0.3048

■ 8.6961, 0.2343,
0.2591

269.3245, 0.2866,
0.3063

■ 4.5435, 0.2174,
0.2432

322.5531, 0.2881,

■ 1.9820, 0.1916,

0.3077

0.2187

382.3700, 0.2895,
0.3088

0.5970, 0.1382,
0.1724

0.0000, 0.0000,
0.0000

66.7795, 0.2716,
0.2930

66.7795, 0.2716,
0.2930

57.7889, 0.2551,
0.2764

76.7995, 0.2880,
0.3082

49.7809, 0.2389,
0.2585

87.8772, 0.3039,
0.3218

42.7163, 0.2234,
0.2396

99.1641, 0.3162,
0.3341

36.5497, 0.2092,
0.2200

99.6185, 0.3162,
0.3347

■ 31.2308, 0.1968,
0.2003

■ 26.7023, 0.1867,
0.1809

■ 22.8955, 0.1791,
0.1626

■ 21.4510, 0.1764,
0.1551

Harmonies

Analogous

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



66.7795, 0.2671, 0.3070



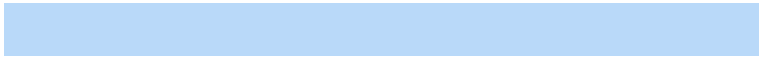
66.7795, 0.2716, 0.2930



66.7795, 0.2868, 0.2889

Triad

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



66.7795, 0.2716, 0.2930



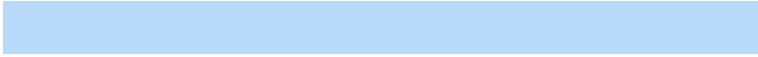
66.7795, 0.3527, 0.3280



66.7795, 0.3146, 0.3668

Complementary

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



66.7795, 0.2716, 0.2930



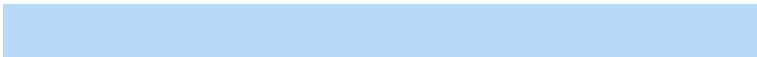
73.1980, 0.3595, 0.3625

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.



66.7795, 0.3380, 0.3718



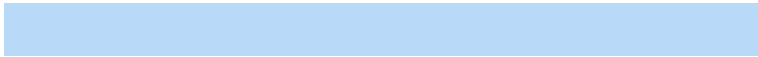
66.7795, 0.2716, 0.2930



66.7795, 0.3606, 0.3482

Square

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



66.7795, 0.2716, 0.2930



66.7795, 0.3336, 0.3088



66.7795, 0.3551, 0.3644



66.7795, 0.2913, 0.3504

Rectangle

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



66.7795, 0.2716, 0.2930



66.7795, 0.3013, 0.2917



66.7795, 0.3551, 0.3644



66.7795, 0.3227, 0.3699

Sweetspot

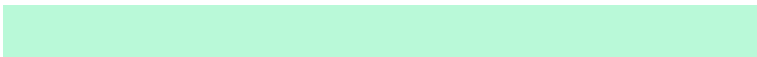
The Sweet Spot groups the original color and five complimentary colors.



66.7822, 0.2716, 0.2930



90.0125, 0.3003, 0.3188



82.9971, 0.2922, 0.3662



18.8821, 0.2979, 0.3168



0.0000, 0.0000, 0.0000



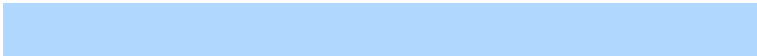
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7822, 0.2716, 0.2930



65.3348, 0.2628, 0.2844



52.2553, 0.2682, 0.2565



18.0805, 0.2980, 0.3169



11.7685, 0.1772, 0.1579



1.3020, 0.1832, 0.1794

Inverse Universe

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



59.8121, 0.3407, 0.2956



57.2266, 0.3483, 0.2884



90.7189, 0.3519, 0.3925



17.3703, 0.3215, 0.3172



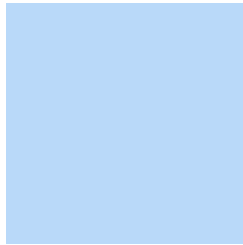
11.5989, 0.4957, 0.2505



1.0957, 0.4692, 0.2358

Previews

White Background



This preview shows how the Yxy color 66.7795, 0.2716, 0.2930 looks on a white background.

Color Contrast Check

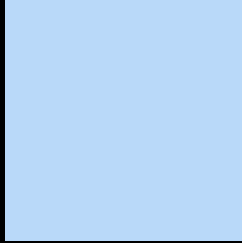
Large Text (above 18pt) WCAG AA × Fail

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 66.7795, 0.2716, 0.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

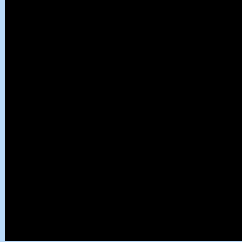
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

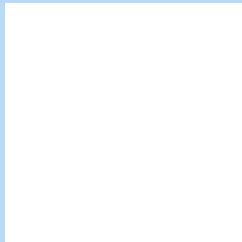
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7795, 0.2716, 0.2930

Background



This preview shows how black text looks on a background with the Yxy color 66.7795, 0.2716, 0.2930.



This preview shows how white text looks on a background with the Yxy color 66.7795, 0.2716, 0.2930.

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

66.7795, 0.2716, 0.2930

Protanopia

66.4465, 0.2877, 0.2918

Deuteranopia

66.5239, 0.2893, 0.2830



Tritanopia

66.7225, 0.2767, 0.3082

Trichromacy



Original Color

66.7795, 0.2716, 0.2930

Protanomaly

66.3844, 0.2819, 0.2924

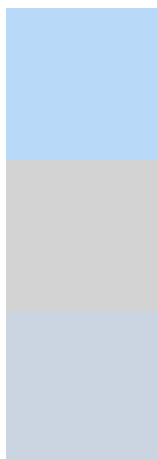
Deuteranomaly

66.3280, 0.2826, 0.2864

Tritanomaly

66.5610, 0.2750, 0.3027

Monochromacy



Original Color

66.7795, 0.2716, 0.2930

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5813, 0.2969, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7795, 0.2716, 0.2930 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(185, 217, 249)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 249)  
}
```

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(185, 217, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 249) }
```

Border

The CSS property to change the border of an element to Yxy 66.7795, 0.2716, 0.2930 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(185, 217, 249) }
```

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

```
.border{ border-color:rgb(185, 217, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 217, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 249);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7795, 0.2716, 0.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 249) }
```

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

```
.background{ background-color: rgb(185,  
217, 249) }
```

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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