

Converting Colors

$Yxy(64.0015, 0.2780, 0.2918)$

Have a look what the booklet for
Yxy(64.0015, 0.2780, 0.2918)
contains.

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Color

Yxy(64.1966, 0.2777, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	BFD3F4
RGB	191, 211, 244
RGB Percent	75%, 83%, 96%
CMY	0.2509, 0.1726, 0.0431
CMYK	0.22, 0.14, 0.00, 0.04
HSL	217°, 71%, 85%
HSV	217°, 22%, 96%
XYZ	61.1155, 64.1966, 94.7654
YIQ	208.7820, -22.5130, 6.0230

Conversions

Conversions Part 2

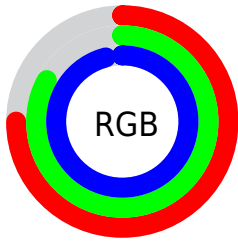
Format	Color
R_{YB}	191, 206, 244
Decimal	12571636
CIE _{Lab}	84.07, 0.23, -18.42
CIE _{LCh}	84, 18.423, 270.722
Yxy	64.1966, 0.2777, 0.2917
Android (android.graphics.Color)	4290761716 (0xFFBFD3F4)
YUV	208.7820, 17.3625, -15.5948
Hunter-Lab	80.1228, -4.0598, -14.0394

Details

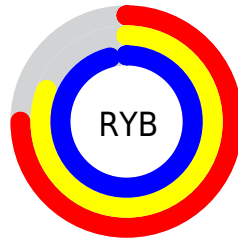
The Yxy color **64.1966, 0.2777, 0.2917** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.3331, 0.3496, 0.3637**, and the grayscale version is **63.5116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.0631, 0.2692, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **54.0930, 0.2603, 0.2714**, and if you desaturate by 10%, it is **75.5471, 0.2944, 0.3100**.

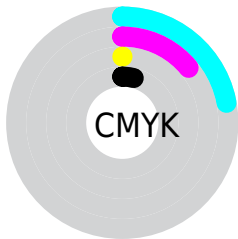
Distribution



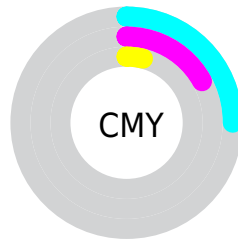
- Red (75%)
- Green (83%)
- Blue (96%)



- Red (75%)
- Yellow (81%)
- Blue (96%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1966, 0.2777, 0.2917 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 64.1966, 0.2777, 0.2917 by changing the saturation by 10% instead.

■ 64.1966, 0.2777,
0.2917

■ 64.1966, 0.2777,
0.2917

■ 439.8993, 0.2941,
0.3092

■ 46.8099, 0.2739,
0.2877

■ 110.8940, 0.2834,
0.2978

■ 32.8854, 0.2692,
0.2827

■ 140.9736, 0.2857,
0.3002

■ 22.0387, 0.2632,
0.2763

■ 176.0528, 0.2876,
0.3022

■ 13.8853, 0.2553,
0.2679

■ 216.5163, 0.2892,
0.3040

■ 8.0410, 0.2446,
0.2565

■ 262.7482, 0.2907,
0.3055

■ 4.1212, 0.2290,
0.2400

■ 315.1331, 0.2920,

■ 1.7416, 0.2048,

0.3069

0.2143

374.0553, 0.2931,
0.3081

0.4504, 0.1489,
0.1546

0.0000, 0.0000,
0.0000

64.1966, 0.2777,
0.2917

64.1966, 0.2777,
0.2917

54.0930, 0.2603,
0.2714

75.5471, 0.2944,
0.3100

45.1827, 0.2427,
0.2494

88.1799, 0.3101,
0.3264

37.4194, 0.2253,
0.2260

99.3123, 0.3191,
0.3395

30.7503, 0.2088,
0.2017

■ 25.1179, 0.1939,
0.1774

■ 20.4580, 0.1813,
0.1540

■ 16.6969, 0.1717,
0.1325

■ 14.1792, 0.1657,
0.1166

Harmonies

Analogous

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



64.1966, 0.2692, 0.3017



64.1966, 0.2777, 0.2917



64.1966, 0.2955, 0.2915

Triad

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



64.1966, 0.2777, 0.2917



64.1966, 0.3555, 0.3357



64.1966, 0.3056, 0.3603

Complementary

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



64.1966, 0.2777, 0.2917



76.3331, 0.3496, 0.3637

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.



64.1966, 0.3288, 0.3697



64.1966, 0.2777, 0.2917



64.1966, 0.3582, 0.3542

Square

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



64.1966, 0.2777, 0.2917



64.1966, 0.3408, 0.3163



64.1966, 0.3482, 0.3670



64.1966, 0.2849, 0.3416

Rectangle

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



64.1966, 0.2777, 0.2917



64.1966, 0.3107, 0.2965



64.1966, 0.3482, 0.3670



64.1966, 0.3134, 0.3647

Sweetspot

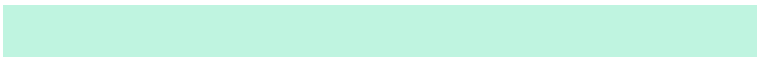
The Sweet Spot groups the original color and five complimentary colors.



64.1992, 0.2777, 0.2917



89.8777, 0.3019, 0.3180



81.1536, 0.2914, 0.3516



19.0579, 0.3009, 0.3170



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.



64.1992, 0.2777, 0.2917



65.9347, 0.2702, 0.2831



55.7059, 0.2804, 0.2691



16.9500, 0.2980, 0.3138



7.9509, 0.1665, 0.1195



0.8899, 0.1734, 0.1444

Inverse Universe

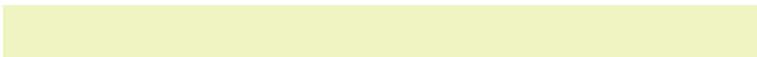
The Inverse Universe completely reimagines the original color for something new.



61.2127, 0.3406, 0.3079



62.3652, 0.3478, 0.3035



86.6183, 0.3412, 0.3840



16.5858, 0.3234, 0.3201



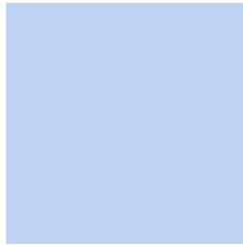
10.9020, 0.5473, 0.2789



0.9775, 0.5133, 0.2601

Previews

White Background



This preview shows how the Yxy color 64.1966, 0.2777, 0.2917 looks on a white background.

Color Contrast Check

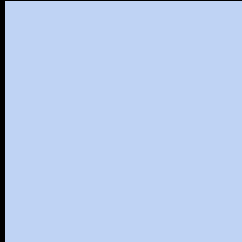
Large Text (above 18pt) WCAG AA × Fail

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 64.1966, 0.2777, 0.2917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

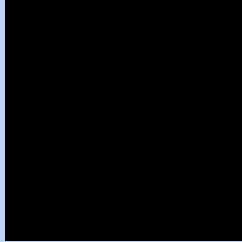
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

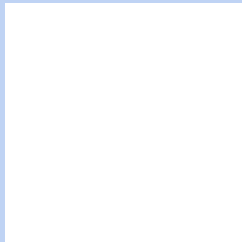
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1966, 0.2777, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 64.1966, 0.2777, 0.2917.



This preview shows how white text looks on a background with the Yxy color 64.1966, 0.2777, 0.2917.

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

64.1966, 0.2777, 0.2917

Protanopia

64.2191, 0.2867, 0.2912

Deuteranopia

63.7754, 0.2908, 0.2844



Tritanopia

63.9930, 0.2842, 0.3093

Trichromacy



Original Color

64.1966, 0.2777, 0.2917

Protanomaly

64.2141, 0.2834, 0.2910

Deuteranomaly

64.0556, 0.2854, 0.2871

Tritanomaly

63.9039, 0.2818, 0.3025

Monochromacy



Original Color

64.1966, 0.2777, 0.2917

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9237, 0.2988, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1966, 0.2777, 0.2917 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, 211, 244)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 244)  
}
```

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, 211, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 244) }
```

Border

The CSS property to change the border of an element to Yxy 64.1966, 0.2777, 0.2917 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, 211, 244) }
```

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

```
.border{ border-color:rgb(191, 211, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 211, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 244);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1966, 0.2777, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 244) }
```

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

```
.background{ background-color: rgb(191,  
211, 244) }
```

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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