

Converting Colors

Yxy(63.2234, 0.2694, 0.2769)

Have a look what the booklet for
Yxy(63.2234, 0.2694, 0.2769)
contains.

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Color

Yxy(63.0231, 0.2692, 0.2765)

Conversions

Conversions Part 1

Format	Color
Hex	BCD0FF
RGB	188, 208, 255
RGB Percent	74%, 82%, 100%
CMY	0.2625, 0.1844, 0.0000
CMYK	0.26, 0.18, 0.00, 0.00
HSL	222°, 100%, 87%
HSV	222°, 26%, 100%
XYZ	61.3592, 63.0231, 103.5493
YIQ	207.3780, -27.0070, 10.3770

Conversions

Conversions Part 2

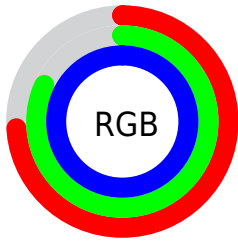
Format	Color
R _Y B	188, 203, 255
Decimal	12374271
CIE Lab	83.45, 3.45, -25.21
CIE LCh	83, 25.441, 277.792
Yxy	63.0231, 0.2692, 0.2765
Android (android.graphics.Color)	4290564351 (0xFFBCD0FF)
YUV	207.3780, 23.4776, -16.9945
Hunter-Lab	79.3871, -0.9627, -21.7645

Details

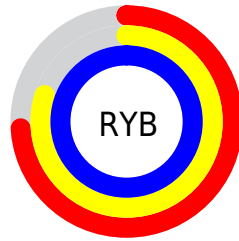
The Yxy color **63.0231, 0.2692, 0.2765** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3609, 0.3572, 0.3764**, and the grayscale version is **62.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **32.1750, 0.2584, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **51.8192, 0.2509, 0.2525**, and if you desaturate by 10%, it is **75.7890, 0.2867, 0.2984**.

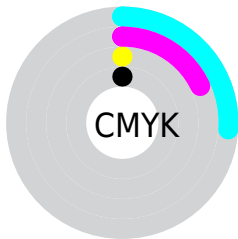
Distribution



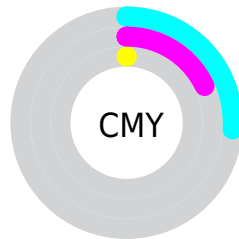
- Red (74%)
- Green (82%)
- Blue (100%)



- Red (74%)
- Yellow (80%)
- Blue (100%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0231, 0.2692, 0.2765 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 63.0231, 0.2692, 0.2765 by changing the saturation by 10% instead.

■ 63.0231, 0.2692,
0.2765

■ 63.0231, 0.2692,
0.2765

435.6533, 0.2896,
0.3009

■ 45.8599, 0.2645,
0.2709

■ 109.2028, 0.2763,
0.2850

■ 32.1353, 0.2587,
0.2641

138.9882, 0.2791,
0.2883

■ 21.4648, 0.2513,
0.2554

173.7496, 0.2815,
0.2911

■ 13.4642, 0.2416,
0.2442

213.8717, 0.2835,
0.2936

■ 7.7490, 0.2285,
0.2291

259.7387, 0.2853,
0.2957

■ 3.9347, 0.2098,
0.2078

311.7350, 0.2869,

■ 1.6371, 0.1814,

0.2976

0.1761

370.2451, 0.2884,
0.2994

0.3824, 0.1247,
0.1065

0.0000, 0.0000,
0.0000

63.0231, 0.2692,
0.2765

63.0231, 0.2692,
0.2765

51.8192, 0.2509,
0.2525

75.7890, 0.2867,
0.2984

42.1096, 0.2324,
0.2267

90.1710, 0.3031,
0.3179

33.8288, 0.2142,
0.1998

100.0000, 0.3127,
0.3290

26.9036, 0.1973,
0.1726

■ 21.2541, 0.1825,
0.1465

■ 16.7900, 0.1707,
0.1228

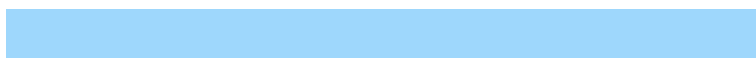
■ 13.4059, 0.1624,
0.1026

■ 12.3706, 0.1600,
0.0960

Harmonies

Analogous

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



63.0231, 0.2544, 0.2865



63.0231, 0.2692, 0.2765



63.0231, 0.2958, 0.2796

Triad

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



63.0231, 0.2692, 0.2765



63.0231, 0.3749, 0.3438



63.0231, 0.2952, 0.3679

Complementary

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



63.0231, 0.2692, 0.2765



84.3609, 0.3572, 0.3764

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.



63.0231, 0.3272, 0.3847



63.0231, 0.2692, 0.2765



63.0231, 0.3742, 0.3683

Square

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



63.0231, 0.2692, 0.2765



63.0231, 0.3579, 0.3172



63.0231, 0.3563, 0.3841



63.0231, 0.2688, 0.3392

Rectangle

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



63.0231, 0.2692, 0.2765



63.0231, 0.3174, 0.2883



63.0231, 0.3563, 0.3841



63.0231, 0.3056, 0.3753

Sweetspot

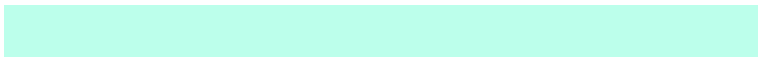
The Sweet Spot groups the original color and five complimentary colors.



63.0247, 0.2692, 0.2765



87.5292, 0.3003, 0.3147



88.2142, 0.2843, 0.3507



18.2585, 0.2979, 0.3118



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.



63.0247, 0.2692, 0.2765



57.5072, 0.2606, 0.2654



55.6984, 0.2762, 0.2553



18.2585, 0.2979, 0.3118



6.6890, 0.1608, 0.0988



0.8319, 0.1669, 0.1206

Inverse Universe

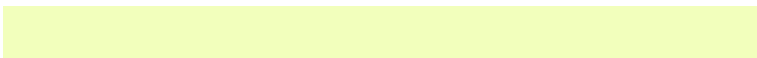
The Inverse Universe completely reimagines the original color for something new.



61.8106, 0.3526, 0.3086



56.4364, 0.3624, 0.3047



93.9630, 0.3435, 0.3969



18.0760, 0.3247, 0.3220



11.4032, 0.5777, 0.2956



1.1285, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 63.0231, 0.2692, 0.2765 looks on a white background.

Color Contrast Check

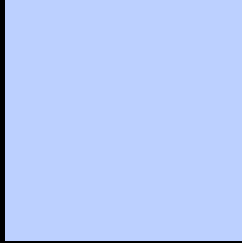
Large Text (above 18pt) WCAG AA × Fail

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 63.0231, 0.2692, 0.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

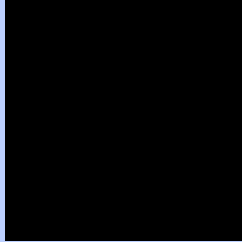
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0231, 0.2692, 0.2765

Background



This preview shows how black text looks on a background with the Yxy color 63.0231, 0.2692, 0.2765.



This preview shows how white text looks on a background with the Yxy color 63.0231, 0.2692, 0.2765.

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

63.0231, 0.2692, 0.2765

Protanopia

63.1048, 0.2759, 0.2771

Deuteranopia

62.6284, 0.2784, 0.2723



Tritanopia

62.8114, 0.2815, 0.3090

Trichromacy



Original Color

63.0231, 0.2692, 0.2765

Protanomaly

63.2507, 0.2734, 0.2769

Deuteranomaly

62.8884, 0.2753, 0.2741

Tritanomaly

63.0759, 0.2773, 0.2978

Monochromacy



Original Color

63.0231, 0.2692, 0.2765

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2868, 0.2960, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0231, 0.2692, 0.2765 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 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(188, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.0231, 0.2692, 0.2765 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, 208, 255) }
```

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

```
.border{ border-color:rgb(188, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0231, 0.2692, 0.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 255) }
```

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

```
.background{ background-color: rgb(188,  
208, 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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