

Converting Colors

$Yxy(60.8446, 0.2724, 0.2700)$

Have a look what the booklet for
Yxy(60.8446, 0.2724, 0.2700)
contains.

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Color

Yxy(60.9304, 0.2724, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	C2CAFF
RGB	194, 202, 255
RGB Percent	76%, 79%, 100%
CMY	0.2391, 0.2079, 0.0000
CMYK	0.24, 0.21, 0.00, 0.00
HSL	232°, 100%, 88%
HSV	232°, 24%, 100%
XYZ	61.4265, 60.9304, 103.1442
YIQ	205.6500, -21.7810, 14.7870

Conversions

Conversions Part 2

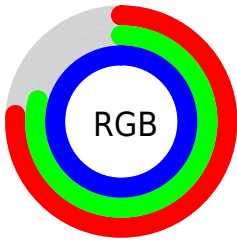
Format	Color
RYB	194, 201, 255
Decimal	12765951
CIELab	82.34, 8.41, -26.87
CIELCh	82, 28.153, 287.372
Yxy	60.9304, 0.2724, 0.2702
Android (android.graphics.Color)	4290956031 (0xFFC2CAFF)
YUV	205.6500, 24.3296, -10.2170
Hunter-Lab	78.0579, 3.8665, -23.7041

Details

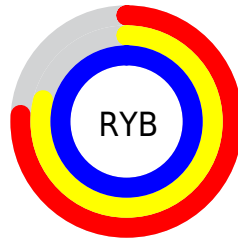
The Yxy color **60.9304, 0.2724, 0.2702** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.7026, 0.3507, 0.3817**, and the grayscale version is **61.3418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **30.7460, 0.2622, 0.2565** is the 20% darker color. If you saturate the color by 10%, you get **48.1745, 0.2530, 0.2409**, and if you desaturate by 10%, it is **75.7625, 0.2904, 0.2969**.

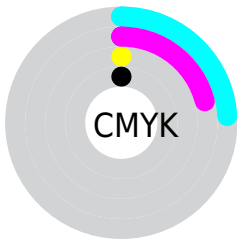
Distribution



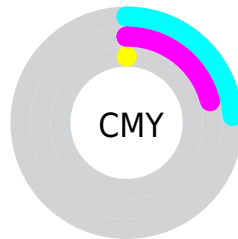
- Red (76%)
- Green (79%)
- Blue (100%)



- Red (76%)
- Yellow (79%)
- Blue (100%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9304, 0.2724, 0.2702 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 60.9304, 0.2724, 0.2702 by changing the saturation by 10% instead.

■ 60.9304, 0.2724,
0.2702

■ 60.9304, 0.2724,
0.2702

■ 428.0188, 0.2915,
0.2974

■ 44.1690, 0.2679,
0.2640

■ 106.1782, 0.2791,
0.2796

■ 30.8034, 0.2624,
0.2564

■ 135.4333, 0.2817,
0.2833

■ 20.4492, 0.2553,
0.2469

■ 169.6218, 0.2839,
0.2864

■ 12.7220, 0.2460,
0.2345

■ 209.1281, 0.2859,
0.2892

■ 7.2374, 0.2333,
0.2180

■ 254.3365, 0.2876,
0.2916

■ 3.6110, 0.2149,
0.1948

■ 305.6315, 0.2890,

■ 1.4584, 0.1868,

0.2938

0.1609

363.3975, 0.2904,
0.2957

0.2592, 0.1315,
0.0755

0.0000, 0.0000,
0.0000

60.9304, 0.2724,
0.2702

60.9304, 0.2724,
0.2702

48.1745, 0.2530,
0.2409

75.7625, 0.2904,
0.2969

37.3978, 0.2327,
0.2094

92.7539, 0.3068,
0.3205

28.5016, 0.2124,
0.1770

100.0000, 0.3127,
0.3290

21.3768, 0.1932,
0.1454

■ 15.9030, 0.1766,
0.1166

■ 11.9446, 0.1637,
0.0927

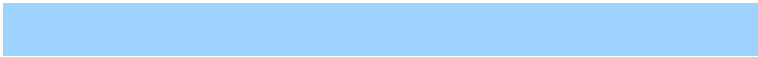
■ 9.3431, 0.1554,
0.0753

■ 8.3241, 0.1523,
0.0681

Harmonies

Analogous

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



60.9304, 0.2514, 0.2764



60.9304, 0.2724, 0.2702



60.9304, 0.3050, 0.2781

Triad

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



60.9304, 0.2724, 0.2702



60.9304, 0.3845, 0.3545



60.9304, 0.2825, 0.3634

Complementary

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



60.9304, 0.2724, 0.2702



91.7026, 0.3507, 0.3817

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.



60.9304, 0.3171, 0.3877



60.9304, 0.2724, 0.2702



60.9304, 0.3769, 0.3798

Square

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



60.9304, 0.2724, 0.2702



60.9304, 0.3714, 0.3249



60.9304, 0.3518, 0.3931



60.9304, 0.2569, 0.3290

Rectangle

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



60.9304, 0.2724, 0.2702



60.9304, 0.3296, 0.2901



60.9304, 0.3518, 0.3931



60.9304, 0.2934, 0.3732

Sweetspot

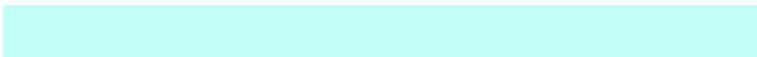
The Sweet Spot groups the original color and five complimentary colors.



60.9318, 0.2724, 0.2702



87.2651, 0.3019, 0.3135



89.7012, 0.2814, 0.3375



18.4543, 0.3010, 0.3121



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.



60.9318, 0.2724, 0.2702



54.1829, 0.2627, 0.2556



60.4766, 0.2872, 0.2640



17.7599, 0.2979, 0.3077



4.4666, 0.1527, 0.0698



0.5480, 0.1570, 0.0853

Inverse Universe

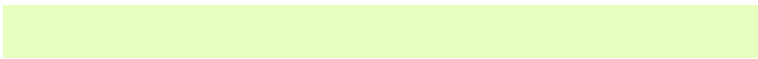
The Inverse Universe completely reimagines the original color for something new.



64.1225, 0.3563, 0.3209



58.0767, 0.3689, 0.3191



92.6806, 0.3341, 0.3920



18.0257, 0.3274, 0.3259



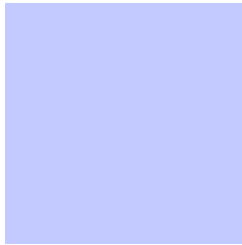
11.1789, 0.6236, 0.3209



1.0999, 0.5985, 0.3071

Previews

White Background



This preview shows how the Yxy color 60.9304, 0.2724, 0.2702 looks on a white background.

Color Contrast Check

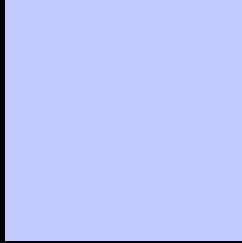
Large Text (above 18pt) WCAG AA × Fail

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 60.9304, 0.2724, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

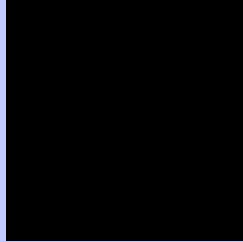
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9304, 0.2724, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 60.9304, 0.2724, 0.2702.



This preview shows how white text looks on a background with the Yxy color 60.9304, 0.2724, 0.2702.

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

60.9304, 0.2724, 0.2702

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

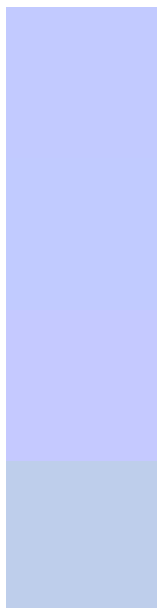
61.1354, 0.2756, 0.2696



Tritanopia

61.1849, 0.2877, 0.3102

Trichromacy



Original Color

60.9304, 0.2724, 0.2702

Protanomaly

61.2693, 0.2718, 0.2713

Deuteranomaly

60.8636, 0.2743, 0.2694

Tritanomaly

61.0879, 0.2821, 0.2955

Monochromacy



Original Color

60.9304, 0.2724, 0.2702

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6010, 0.2975, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9304, 0.2724, 0.2702 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(194, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 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(194, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.9304, 0.2724, 0.2702 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(194, 202, 255) }
```

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

```
.border{ border-color:rgb(194, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9304, 0.2724, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 255) }
```

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

```
.background{ background-color: rgb(194,  
202, 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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