

Converting Colors

Yxy(66.9913, 0.2458, 0.2120)

Have a look what the booklet for
Yxy(66.9913, 0.2458, 0.2120)
contains.

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Color

Yxy(61.9384, 0.2816, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	D0C8FF
RGB	208, 200, 255
RGB Percent	82%, 78%, 100%
CMY	0.1843, 0.2157, 0.0000
CMYK	0.18, 0.22, 0.00, 0.00
HSL	249°, 100%, 89%
HSV	249°, 22%, 100%
XYZ	64.7193, 61.9384, 103.1694
YIQ	208.6620, -12.8870, 18.8010

Conversions

Conversions Part 2

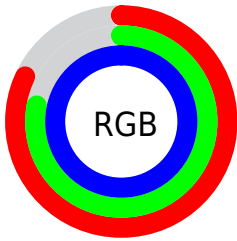
Format	Color
R _Y B	208, 200, 255
Decimal	13682943
CIE Lab	82.88, 13.67, -25.95
CIE LCh	83, 29.335, 297.777
Yxy	61.9384, 0.2816, 0.2695
Android (android.graphics.Color)	4291873023 (0xFFD0C8FF)
YUV	208.6620, 22.8446, -0.5806
Hunter-Lab	78.7010, 9.0619, -22.6328

Details

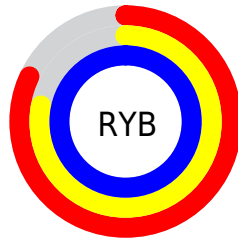
The Yxy color **61.9384, 0.2816, 0.2695** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.4642, 0.3400, 0.3840**, and the grayscale version is **63.3841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4073, 0.2738, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **48.1520, 0.2642, 0.2374**, and if you desaturate by 10%, it is **78.1308, 0.2972, 0.2989**.

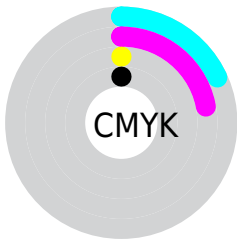
Distribution



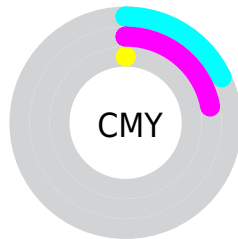
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9384, 0.2816, 0.2695 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 61.9384, 0.2816, 0.2695 by changing the saturation by 10% instead.

61.9384, 0.2816,
0.2695

61.9384, 0.2816,
0.2695

431.7064, 0.2965,
0.2968

44.9829, 0.2781,
0.2634

107.6365, 0.2869,
0.2789

31.4440, 0.2737,
0.2558

137.1479, 0.2889,
0.2826

20.9372, 0.2681,
0.2464

171.6134, 0.2906,
0.2857

13.0781, 0.2606,
0.2343

211.4174, 0.2921,
0.2885

7.4823, 0.2504,
0.2181

256.9443, 0.2934,
0.2909

3.7655, 0.2354,
0.1957

308.5785, 0.2946,

1.5433, 0.2119,

0.2931

0.1631

366.7044, 0.2956,
0.2950

0.3189, 0.1730,
0.0866

0.0000, 0.0000,
0.0000

61.9384, 0.2816,
0.2695

61.9384, 0.2816,
0.2695

48.1520, 0.2642,
0.2374

78.1308, 0.2972,
0.2989

36.6528, 0.2453,
0.2034

96.8330, 0.3108,
0.3252

27.3175, 0.2254,
0.1689

100.0000, 0.3127,
0.3290

20.0091, 0.2058,
0.1360

■ 14.5754, 0.1876,
0.1070

■ 10.8418, 0.1723,
0.0844

■ 8.6005, 0.1610,
0.0695

■ 7.6151, 0.1548,
0.0627

Harmonies

Analogous

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



61.9384, 0.2551, 0.2706



61.9384, 0.2816, 0.2695



61.9384, 0.3179, 0.2822

Triad

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



61.9384, 0.2816, 0.2695



61.9384, 0.3868, 0.3652



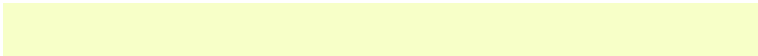
61.9384, 0.2708, 0.3528

Complementary

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



61.9384, 0.2816, 0.2695



95.4642, 0.3400, 0.3840

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.



61.9384, 0.3042, 0.3832



61.9384, 0.2816, 0.2695



61.9384, 0.3719, 0.3881

Square

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



61.9384, 0.2816, 0.2695



61.9384, 0.3806, 0.3353



61.9384, 0.3413, 0.3960



61.9384, 0.2491, 0.3165

Rectangle

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



61.9384, 0.2816, 0.2695



61.9384, 0.3431, 0.2969



61.9384, 0.3413, 0.3960



61.9384, 0.2809, 0.3642

Sweetspot

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



61.9395, 0.2816, 0.2695



88.2278, 0.3050, 0.3139



86.4297, 0.2800, 0.3212



18.6221, 0.3041, 0.3122



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.



61.9395, 0.2816, 0.2695



55.5390, 0.2741, 0.2556



66.1632, 0.3005, 0.2727



17.5045, 0.3001, 0.3046



4.0170, 0.1557, 0.0631



0.4272, 0.1641, 0.0678

Inverse Universe

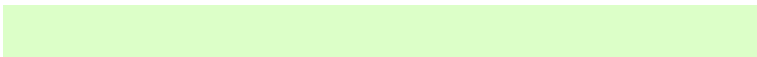
The Inverse Universe completely reimagines the original color for something new.



69.2846, 0.3209, 0.2826



64.1405, 0.3229, 0.2728



90.9320, 0.3225, 0.3871



18.2523, 0.3160, 0.3089



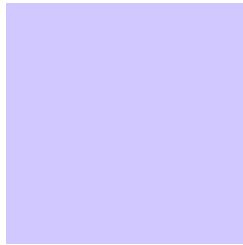
13.7685, 0.3616, 0.1765



1.3525, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 61.9384, 0.2816, 0.2695 looks on a white background.

Color Contrast Check

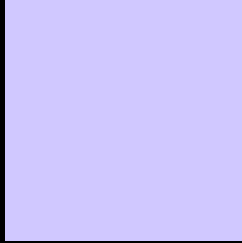
Large Text (above 18pt) WCAG AA × Fail

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 61.9384, 0.2816, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

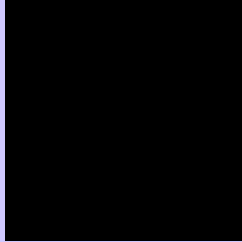
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9384, 0.2816, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 61.9384, 0.2816, 0.2695.



This preview shows how white text looks on a background with the Yxy color 61.9384, 0.2816, 0.2695.

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

61.9384, 0.2816, 0.2695

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

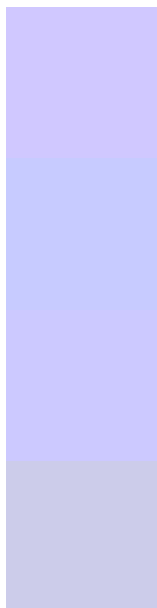
62.0176, 0.2777, 0.2711



Tritanopia

61.9731, 0.2988, 0.3106

Trichromacy



Original Color

61.9384, 0.2816, 0.2695

Protanomaly

62.0740, 0.2758, 0.2719

Deuteranomaly

61.8307, 0.2790, 0.2702

Tritanomaly

61.9636, 0.2923, 0.2952

Monochromacy



Original Color

61.9384, 0.2816, 0.2695

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1889, 0.3012, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9384, 0.2816, 0.2695 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(208, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 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(208, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.9384, 0.2816, 0.2695 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(208, 200, 255) }
```

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

```
.border{ border-color:rgb(208, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9384, 0.2816, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 255) }
```

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

```
.background{ background-color: rgb(208,  
200, 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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