

Converting Colors

$Y_{xy}(65.0496, 0.2878, 0.2747)$

Have a look what the booklet for
Yxy(65.0496, 0.2878, 0.2747)
contains.

Yxy(65.1574, 0.2880, 0.2749)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.1574, 0.2880, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	D9CCFF
RGB	217, 204, 255
RGB Percent	85%, 80%, 100%
CMY	0.1490, 0.2000, 0.0000
CMYK	0.15, 0.20, 0.00, 0.00
HSL	255°, 100%, 90%
HSV	255°, 20%, 100%
XYZ	68.2624, 65.1574, 103.6024
YIQ	213.7010, -8.6230, 18.6170

Conversions

Conversions Part 2

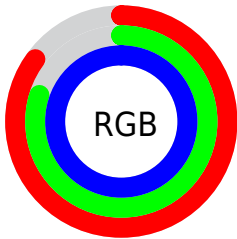
Format	Color
R _Y B	217, 204, 255
Decimal	14273791
CIE Lab	84.56, 14.30, -23.33
CIE LCh	85, 27.358, 301.506
Yxy	65.1574, 0.2880, 0.2749
Android (android.graphics.Color)	4292463871 (0xFFD9CCFF)
YUV	213.7010, 20.3604, 2.8932
Hunter-Lab	80.7201, 9.6914, -19.5932

Details

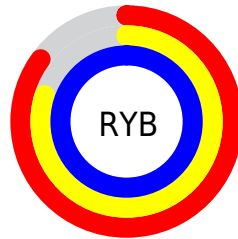
The Yxy color $65.1574, 0.2880, 0.2749$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.7548, 0.3344, 0.3805$, and the grayscale version is $66.9001, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.5713, 0.2822, 0.2631$ is the 20% darker color. If you saturate the color by 10%, you get $51.2679, 0.2730, 0.2440$, and if you desaturate by 10%, it is $81.3691, 0.3012, 0.3034$.

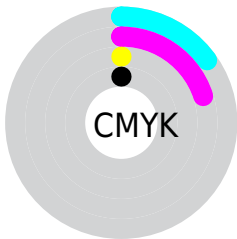
Distribution



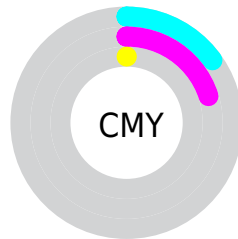
- Red (85%)
- Green (80%)
- Blue (100%)



- Red (85%)
- Yellow (80%)
- Blue (100%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1574, 0.2880, 0.2749 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 65.1574, 0.2880, 0.2749 by changing the saturation by 10% instead.

■ 65.1574, 0.2880,
0.2749

■ 65.1574, 0.2880,
0.2749

■ 443.3574, 0.2998,
0.2995

■ 47.5887, 0.2852,
0.2694

■ 112.2761, 0.2922,
0.2834

■ 33.5013, 0.2818,
0.2626

■ 142.5950, 0.2938,
0.2867

■ 22.5108, 0.2773,
0.2542

■ 177.9326, 0.2951,
0.2895

■ 14.2327, 0.2714,
0.2434

■ 218.6735, 0.2963,
0.2920

■ 8.2827, 0.2633,
0.2290

■ 265.2021, 0.2974,
0.2942

■ 4.2764, 0.2514,
0.2090

■ 317.9026, 0.2983,

■ 1.8293, 0.2327,

0.2962

0.1797

377.1596, 0.2991,
0.2980

0.5053, 0.2023,
0.1233

0.0000, 0.0000,
0.0000

65.1574, 0.2880,
0.2749

65.1574, 0.2880,
0.2749

51.2679, 0.2730,
0.2440

81.3691, 0.3012,
0.3034

39.5886, 0.2564,
0.2113

99.9995, 0.3127,
0.3290

30.0045, 0.2386,
0.1781

100.0000, 0.3127,
0.3290

22.3883, 0.2204,
0.1460

■ 16.5984, 0.2027,
0.1172

■ 12.4738, 0.1867,
0.0938

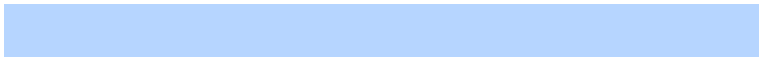
■ 9.8240, 0.1735,
0.0772

■ 8.3457, 0.1635,
0.0675

Harmonies

Analogous

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



65.1574, 0.2621, 0.2744



65.1574, 0.2880, 0.2749



65.1574, 0.3219, 0.2881

Triad

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



65.1574, 0.2880, 0.2749



65.1574, 0.3799, 0.3657



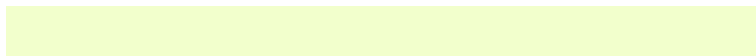
65.1574, 0.2710, 0.3467

Complementary

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



65.1574, 0.2880, 0.2749



94.7548, 0.3344, 0.3805

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.



65.1574, 0.3009, 0.3757



65.1574, 0.2880, 0.2749



65.1574, 0.3643, 0.3852

Square

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



65.1574, 0.2880, 0.2749



65.1574, 0.3766, 0.3386



65.1574, 0.3350, 0.3898



65.1574, 0.2527, 0.3139

Rectangle

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



65.1574, 0.2880, 0.2749



65.1574, 0.3447, 0.3024



65.1574, 0.3350, 0.3898



65.1574, 0.2800, 0.3574

Sweetspot

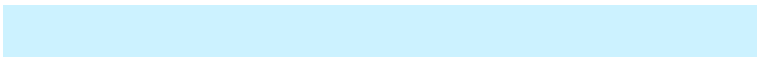
The Sweet Spot groups the original color and five complimentary colors.



65.1588, 0.2880, 0.2749



88.5259, 0.3060, 0.3140



83.7104, 0.2818, 0.3155



18.6924, 0.3053, 0.3123



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.



65.1588, 0.2880, 0.2749



59.3303, 0.2822, 0.2628



69.3269, 0.3058, 0.2777



17.6017, 0.3019, 0.3047



4.4204, 0.1649, 0.0682



0.4798, 0.1759, 0.0742

Inverse Universe

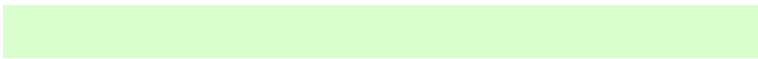
The Inverse Universe completely reimagines the original color for something new.



70.8556, 0.3242, 0.2913



66.0095, 0.3270, 0.2835



90.5930, 0.3180, 0.3832



18.2165, 0.3177, 0.3115



13.0756, 0.3983, 0.1968



1.2908, 0.3875, 0.1908

Previews

White Background



This preview shows how the Yxy color 65.1574, 0.2880, 0.2749 looks on a white background.

Color Contrast Check

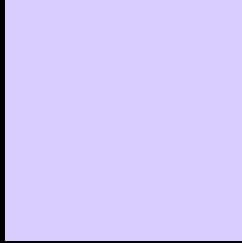
Large Text (above 18pt) WCAG AA × Fail

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 65.1574, 0.2880, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

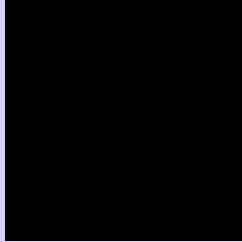
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1574, 0.2880, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 65.1574, 0.2880, 0.2749.

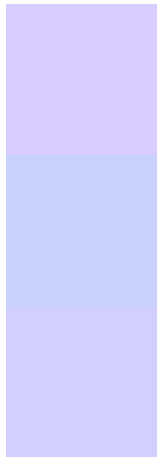


This preview shows how white text looks on a background with the Yxy color 65.1574, 0.2880, 0.2749.

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

65.1574, 0.2880, 0.2749

Protanopia

65.2384, 0.2776, 0.2789

Deuteranopia

65.0643, 0.2833, 0.2764



Tritanopia

65.0890, 0.3033, 0.3101

Trichromacy



Original Color

65.1574, 0.2880, 0.2749

Protanomaly

65.1110, 0.2814, 0.2772

Deuteranomaly

65.0288, 0.2853, 0.2756

Tritanomaly

65.0362, 0.2975, 0.2962

Monochromacy



Original Color

65.1574, 0.2880, 0.2749

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.1974, 0.3035, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1574, 0.2880, 0.2749 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(217, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 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(217, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.1574, 0.2880, 0.2749 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(217, 204, 255) }
```

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

```
.border{ border-color:rgb(217, 204, 255) }
```

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

Here you see how a box with a 4 pixel rgb(217, 204, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1574, 0.2880, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 255) }
```

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

```
.background{ background-color: rgb(217,  
204, 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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