

Converting Colors

$Y_{xy}(61.8721, 0.2855, 0.2680)$

Have a look what the booklet for
Yxy(61.8721, 0.2855, 0.2680)
contains.

Yxy(61.9043, 0.2857, 0.2680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.9043, 0.2857, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	D6C6FF
RGB	214, 198, 255
RGB Percent	84%, 78%, 100%
CMY	0.1605, 0.2236, 0.0000
CMYK	0.16, 0.22, 0.00, 0.00
HSL	257°, 100%, 89%
HSV	257°, 22%, 100%
XYZ	65.9928, 61.9043, 103.0891
YIQ	209.2820, -8.7610, 21.1190

Conversions

Conversions Part 2

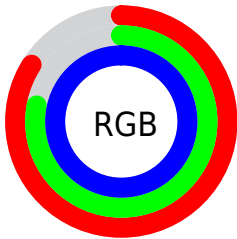
Format	Color
R _Y B	214, 198, 255
Decimal	14075647
CIE Lab	82.86, 16.62, -25.94
CIE LCh	83, 30.801, 302.646
Yxy	61.9043, 0.2857, 0.2680
Android (android.graphics.Color)	4292265727 (0xFFD6C6FF)
YUV	209.2820, 22.5390, 4.1377
Hunter-Lab	78.6793, 12.0293, -22.6089

Details

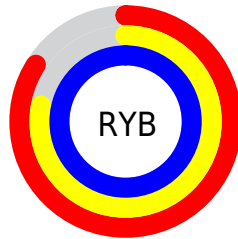
The Yxy color $61.9043, 0.2857, 0.2680$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.9305, 0.3359, 0.3870$, and the grayscale version is $63.8145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.3947, 0.2790, 0.2541$ is the 20% darker color. If you saturate the color by 10%, you get $48.6129, 0.2709, 0.2368$, and if you desaturate by 10%, it is $77.4707, 0.2989, 0.2969$.

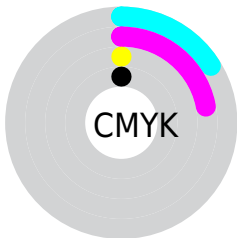
Distribution



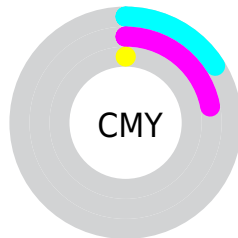
- Red (84%)
- Green (78%)
- Blue (100%)



- Red (84%)
- Yellow (78%)
- Blue (100%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9043, 0.2857, 0.2680 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 61.9043, 0.2857, 0.2680 by changing the saturation by 10% instead.

■ 61.9043, 0.2857,
0.2680

■ 61.9043, 0.2857,
0.2680

431.5819, 0.2988,
0.2958

■ 44.9554, 0.2826,
0.2618

107.5872, 0.2903,
0.2776

■ 31.4223, 0.2787,
0.2541

137.0900, 0.2921,
0.2813

■ 20.9206, 0.2737,
0.2446

171.5462, 0.2936,
0.2846

■ 13.0660, 0.2671,
0.2323

211.3401, 0.2949,
0.2874

■ 7.4740, 0.2578,
0.2160

256.8563, 0.2961,
0.2899

■ 3.7603, 0.2443,
0.1935

308.4791, 0.2971,

■ 1.5404, 0.2227,

0.2921

0.1608

366.5928, 0.2980,
0.2941

0.3169, 0.1889,
0.0847

0.0000, 0.0000,
0.0000

61.9043, 0.2857,
0.2680

61.9043, 0.2857,
0.2680

48.6129, 0.2709,
0.2368

77.4707, 0.2989,
0.2969

37.4833, 0.2545,
0.2042

95.4082, 0.3103,
0.3232

28.3995, 0.2370,
0.1714

100.0000, 0.3127,
0.3290

21.2328, 0.2193,
0.1403

■ 15.8392, 0.2021,
0.1128

■ 12.0538, 0.1867,
0.0910

■ 9.6785, 0.1741,
0.0761

■ 8.5968, 0.1664,
0.0691

Harmonies

Analogous

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



61.9043, 0.2559, 0.2666



61.9043, 0.2857, 0.2680



61.9043, 0.3246, 0.2834

Triad

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



61.9043, 0.2857, 0.2680



61.9043, 0.3894, 0.3714



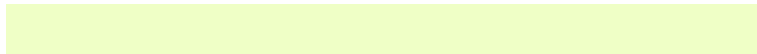
61.9043, 0.2640, 0.3478

Complementary

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



61.9043, 0.2857, 0.2680



93.9305, 0.3359, 0.3870

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.



61.9043, 0.2975, 0.3819



61.9043, 0.2857, 0.2680



61.9043, 0.3704, 0.3937

Square

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



61.9043, 0.2857, 0.2680



61.9043, 0.3866, 0.3407



61.9043, 0.3365, 0.3989



61.9043, 0.2440, 0.3099

Rectangle

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



61.9043, 0.2857, 0.2680



61.9043, 0.3507, 0.2998



61.9043, 0.3365, 0.3989



61.9043, 0.2740, 0.3603

Sweetspot

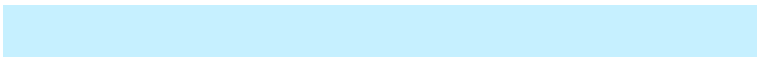
The Sweet Spot groups the original color and five complimentary colors.



61.9059, 0.2857, 0.2680



86.7859, 0.3052, 0.3114



81.4222, 0.2782, 0.3127



18.3439, 0.3045, 0.3098



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.



61.9059, 0.2857, 0.2680



55.4633, 0.2790, 0.2538



66.4220, 0.3055, 0.2715



17.6259, 0.3023, 0.3047



4.5564, 0.1679, 0.0698



0.4959, 0.1793, 0.0762

Inverse Universe

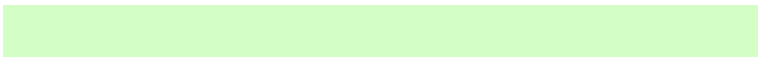
The Inverse Universe completely reimagines the original color for something new.



67.8651, 0.3270, 0.2882



62.4720, 0.3306, 0.2794



89.4871, 0.3180, 0.3904



18.2078, 0.3181, 0.3121



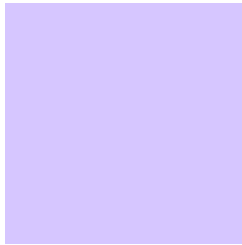
12.9227, 0.4082, 0.2023



1.2770, 0.3959, 0.1955

Previews

White Background



This preview shows how the Yxy color 61.9043, 0.2857, 0.2680 looks on a white background.

Color Contrast Check

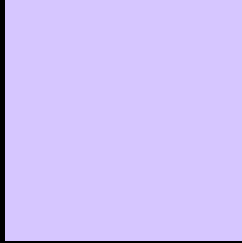
Large Text (above 18pt) WCAG AA × Fail

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 61.9043, 0.2857, 0.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

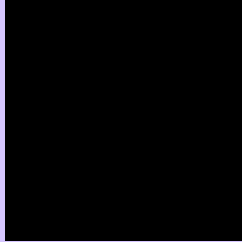
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9043, 0.2857, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 61.9043, 0.2857, 0.2680.

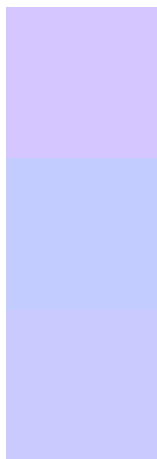


This preview shows how white text looks on a background with the Yxy color 61.9043, 0.2857, 0.2680.

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

61.9043, 0.2857, 0.2680

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

61.9534, 0.2783, 0.2721



Tritanopia

61.7629, 0.3046, 0.3108

Trichromacy



Original Color

61.9043, 0.2857, 0.2680

Protanomaly

61.8786, 0.2770, 0.2710

Deuteranomaly

62.0509, 0.2809, 0.2714

Tritanomaly

61.8259, 0.2972, 0.2945

Monochromacy



Original Color

61.9043, 0.2857, 0.2680

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.0025, 0.3027, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9043, 0.2857, 0.2680 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(214, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 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(214, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.9043, 0.2857, 0.2680 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(214, 198, 255) }
```

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

```
.border{ border-color:rgb(214, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9043, 0.2857, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 255) }
```

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

```
.background{ background-color: rgb(214,  
198, 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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