

Converting Colors

Yxy(61.4388, 0.2766, 0.2631)

Have a look what the booklet for
Yxy(61.4388, 0.2766, 0.2631)
contains.

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Color

Yxy(61.0460, 0.2795, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	CDC7FF
RGB	205, 199, 255
RGB Percent	80%, 78%, 100%
CMY	0.1962, 0.2195, 0.0001
CMYK	0.20, 0.22, 0.00, 0.00
HSL	246°, 100%, 89%
HSV	246°, 22%, 100%
XYZ	63.6418, 61.0460, 103.0109
YIQ	207.1780, -14.4000, 18.6880

Conversions

Conversions Part 2

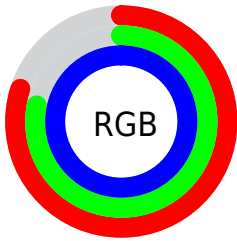
Format	Color
R _Y B	205, 199, 255
Decimal	13486079
CIE Lab	82.40, 13.27, -26.68
CIE LCh	82, 29.796, 296.453
Yxy	61.0460, 0.2795, 0.2681
Android (android.graphics.Color)	4291676159 (0xFFC7DC7FF)
YUV	207.1780, 23.5762, -1.9101
Hunter-Lab	78.1319, 8.6649, -23.4769

Details

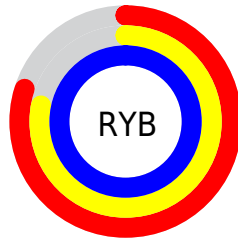
The Yxy color **61.0460, 0.2795, 0.2681** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.7665, 0.3420, 0.3847**, and the grayscale version is **62.3690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.8120, 0.2711, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **47.2741, 0.2613, 0.2356**, and if you desaturate by 10%, it is **77.2601, 0.2958, 0.2978**.

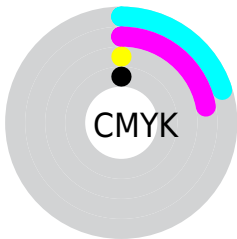
Distribution



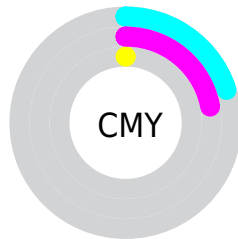
- Red (80%)
- Green (78%)
- Blue (100%)



- Red (80%)
- Yellow (78%)
- Blue (100%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0460, 0.2795, 0.2681 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 61.0460, 0.2795, 0.2681 by changing the saturation by 10% instead.

■ 61.0460, 0.2795,
0.2681

■ 61.0460, 0.2795,
0.2681

428.4426, 0.2954,
0.2961

■ 44.2623, 0.2758,
0.2618

106.3455, 0.2851,
0.2777

■ 30.8768, 0.2711,
0.2541

135.6302, 0.2873,
0.2815

■ 20.5050, 0.2651,
0.2444

169.8505, 0.2891,
0.2848

■ 12.7627, 0.2571,
0.2319

209.3911, 0.2907,
0.2876

■ 7.2653, 0.2462,
0.2152

254.6362, 0.2921,
0.2901

■ 3.6286, 0.2302,
0.1922

305.9702, 0.2934,

■ 1.4680, 0.2052,

0.2923

0.1585

363.7775, 0.2945,
0.2943

0.2661, 0.1623,
0.0748

0.0000, 0.0000,
0.0000

61.0460, 0.2795,
0.2681

61.0460, 0.2795,
0.2681

47.2741, 0.2613,
0.2356

77.2601, 0.2958,
0.2978

35.8188, 0.2416,
0.2012

96.0190, 0.3102,
0.3242

26.5545, 0.2212,
0.1662

99.9981, 0.3127,
0.3290

19.3408, 0.2012,
0.1331

■ 14.0208, 0.1831,
0.1041

■ 10.4147, 0.1683,
0.0818

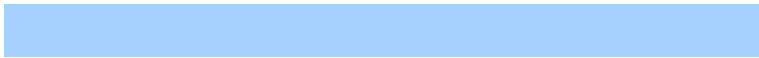
■ 8.3075, 0.1580,
0.0676

■ 7.4536, 0.1529,
0.0616

Harmonies

Analogous

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



61.0460, 0.2532, 0.2699



61.0460, 0.2795, 0.2681



61.0460, 0.3162, 0.2805

Triad

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



61.0460, 0.2795, 0.2681



61.0460, 0.3885, 0.3646



61.0460, 0.2712, 0.3549

Complementary

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



61.0460, 0.2795, 0.2681



95.7665, 0.3420, 0.3847

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.



61.0460, 0.3057, 0.3854



61.0460, 0.2795, 0.2681



61.0460, 0.3741, 0.3885

Square

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



61.0460, 0.2795, 0.2681



61.0460, 0.3812, 0.3340



61.0460, 0.3434, 0.3975



61.0460, 0.2485, 0.3178

Rectangle

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



61.0460, 0.2795, 0.2681



61.0460, 0.3421, 0.2952



61.0460, 0.3434, 0.3975



61.0460, 0.2817, 0.3665

Sweetspot

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



61.0485, 0.2795, 0.2681



86.2352, 0.3032, 0.3113



87.3460, 0.2796, 0.3230



18.2167, 0.3023, 0.3097



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.



61.0485, 0.2795, 0.2681



55.1909, 0.2723, 0.2552



65.3266, 0.2989, 0.2714



17.4704, 0.2995, 0.3045



3.9254, 0.1536, 0.0620



0.4112, 0.1604, 0.0657

Inverse Universe

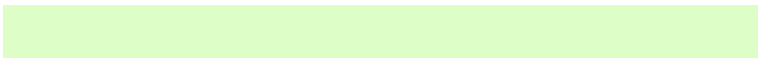
The Inverse Universe completely reimagines the original color for something new.



68.9484, 0.3195, 0.2797



64.2994, 0.3210, 0.2705



91.0603, 0.3239, 0.3880



18.2650, 0.3154, 0.3080



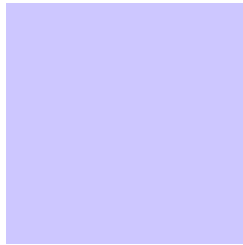
14.0439, 0.3498, 0.1701



1.3766, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 61.0460, 0.2795, 0.2681 looks on a white background.

Color Contrast Check

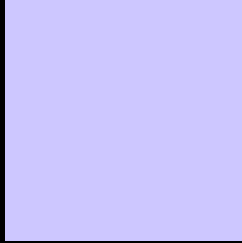
Large Text (above 18pt) WCAG AA × Fail

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 61.0460, 0.2795, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

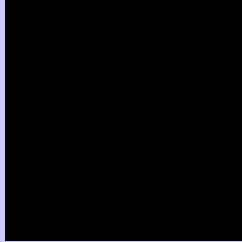
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0460, 0.2795, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 61.0460, 0.2795, 0.2681.

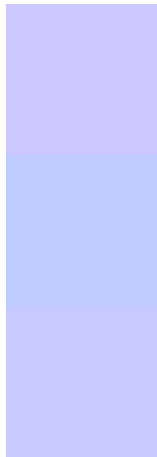


This preview shows how white text looks on a background with the Yxy color 61.0460, 0.2795, 0.2681.

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

61.0460, 0.2795, 0.2681

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

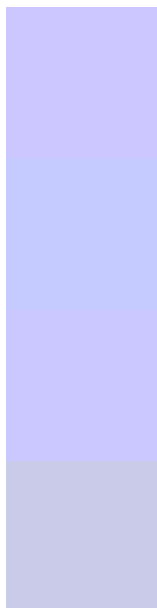
61.2726, 0.2763, 0.2697



Tritanopia

61.0252, 0.2973, 0.3105

Trichromacy



Original Color

61.0460, 0.2795, 0.2681

Protanomaly

61.3314, 0.2744, 0.2705

Deuteranomaly

61.0851, 0.2775, 0.2688

Tritanomaly

61.0126, 0.2908, 0.2949

Monochromacy



Original Color

61.0460, 0.2795, 0.2681

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6894, 0.3004, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0460, 0.2795, 0.2681 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(205, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 199, 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(205, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.0460, 0.2795, 0.2681 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(205, 199, 255) }
```

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

```
.border{ border-color:rgb(205, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0460, 0.2795, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 255) }
```

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

```
.background{ background-color: rgb(205,  
199, 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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