

Converting Colors

$Yxy(61.3556, 0.2823, 0.2787)$

Have a look what the booklet for
Yxy(61.3556, 0.2823, 0.2787)
contains.

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Color

Yxy(61.5130, 0.2826, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	CACAF7
RGB	202, 202, 247
RGB Percent	79%, 79%, 97%
CMY	0.2075, 0.2079, 0.0313
CMYK	0.18, 0.18, 0.00, 0.03
HSL	240°, 74%, 88%
HSV	240°, 18%, 97%
XYZ	62.2844, 61.5130, 96.6003
YIQ	207.1300, -14.4450, 13.9950

Conversions

Conversions Part 2

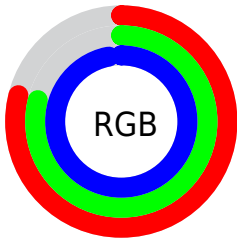
Format	Color
R _Y B	202, 202, 247
Decimal	13290231
CIE Lab	82.65, 9.06, -22.08
CIE LCh	83, 23.872, 292.310
Yxy	61.5130, 0.2826, 0.2791
Android (android.graphics.Color)	4291480311 (0xFFCACA7)
YUV	207.1300, 19.6559, -4.4990
Hunter-Lab	78.4302, 4.5007, -18.1247

Details

The Yxy color **61.5130, 0.2826, 0.2791** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.5548, 0.3401, 0.3745**, and the grayscale version is **62.3717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1444, 0.2742, 0.2667** is the 20% darker color. If you saturate the color by 10%, you get **47.6688, 0.2632, 0.2470**, and if you desaturate by 10%, it is **77.7665, 0.3000, 0.3079**.

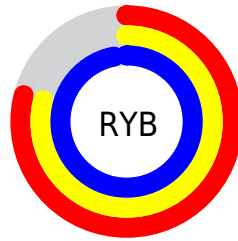
Distribution



Red (79%)

Green (79%)

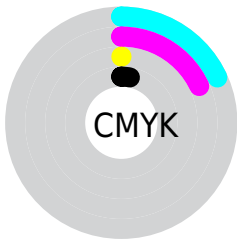
Blue (97%)



Red (79%)

Yellow (79%)

Blue (97%)

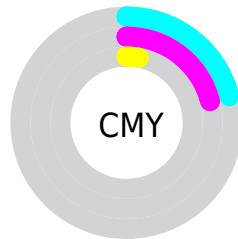


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5130, 0.2826, 0.2791 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 61.5130, 0.2826, 0.2791 by changing the saturation by 10% instead.

61.5130, 0.2826,
0.2791

61.5130, 0.2826,
0.2791

430.1525, 0.2970,
0.3022

44.6393, 0.2792,
0.2738

107.0214, 0.2877,
0.2871

31.1734, 0.2750,
0.2673

136.4248, 0.2896,
0.2902

20.7309, 0.2696,
0.2591

170.7737, 0.2913,
0.2929

12.9275, 0.2624,
0.2484

210.4523, 0.2927,
0.2953

7.3786, 0.2525,
0.2340

255.8451, 0.2940,
0.2973

3.7000, 0.2379,
0.2135

307.3365, 0.2951,

1.5072, 0.2147,

0.2992

0.1827

365.3108, 0.2961,
0.3008

0.2938, 0.1687,
0.0990

0.0000, 0.0000,
0.0000

61.5130, 0.2826,
0.2791

61.5130, 0.2826,
0.2791

47.6688, 0.2632,
0.2470

77.7665, 0.3000,
0.3079

36.1122, 0.2422,
0.2123

96.5282, 0.3153,
0.3332

26.7224, 0.2205,
0.1763

99.4966, 0.3173,
0.3366

19.3645, 0.1994,
0.1414

■ 13.8884, 0.1804,
0.1101

■ 10.1235, 0.1654,
0.0853

■ 7.8681, 0.1555,
0.0689

■ 6.8431, 0.1506,
0.0610

■ 6.7202, 0.1501,
0.0600

Harmonies

Analogous

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



61.5130, 0.2626, 0.2826



61.5130, 0.2826, 0.2791



61.5130, 0.3115, 0.2876

Triad

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



61.5130, 0.2826, 0.2791



61.5130, 0.3734, 0.3550



61.5130, 0.2829, 0.3535

Complementary

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



61.5130, 0.2826, 0.2791



90.5548, 0.3401, 0.3745

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.



61.5130, 0.3116, 0.3758



61.5130, 0.2826, 0.2791



61.5130, 0.3645, 0.3750

Square

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



61.5130, 0.2826, 0.2791



61.5130, 0.3651, 0.3300



61.5130, 0.3416, 0.3834



61.5130, 0.2628, 0.3244

Rectangle

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



61.5130, 0.2826, 0.2791



61.5130, 0.3322, 0.2989



61.5130, 0.3416, 0.3834



61.5130, 0.2919, 0.3621

Sweetspot

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



61.5155, 0.2826, 0.2791



89.7999, 0.3051, 0.3165



85.8031, 0.2852, 0.3289



18.9259, 0.3040, 0.3146



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.



61.5155, 0.2826, 0.2791



60.1670, 0.2754, 0.2673



64.8745, 0.2984, 0.2813



15.9286, 0.2979, 0.3045



3.5543, 0.1501, 0.0600



0.3130, 0.1503, 0.0601

Inverse Universe

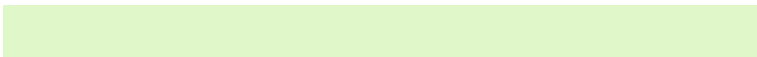
The Inverse Universe completely reimagines the original color for something new.



68.7186, 0.3149, 0.2838



69.2725, 0.3154, 0.2742



86.7233, 0.3250, 0.3767



16.7676, 0.3138, 0.3057



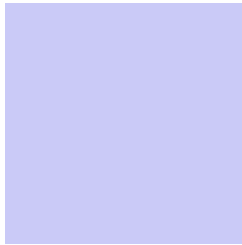
13.9911, 0.3215, 0.1545



1.2299, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 61.5130, 0.2826, 0.2791 looks on a white background.

Color Contrast Check

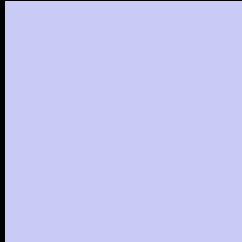
Large Text (above 18pt) WCAG AA × Fail

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 61.5130, 0.2826, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

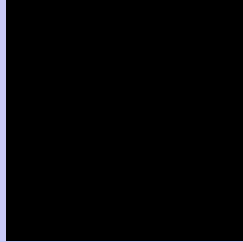
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5130, 0.2826, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 61.5130, 0.2826, 0.2791.



This preview shows how white text looks on a background with the Yxy color 61.5130, 0.2826, 0.2791.

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

61.5130, 0.2826, 0.2791

Protanopia

61.6988, 0.2780, 0.2798

Deuteranopia

61.4678, 0.2846, 0.2783



Tritanopia

61.4761, 0.2953, 0.3093

Trichromacy



Original Color

61.5130, 0.2826, 0.2791

Protanomaly

61.4949, 0.2793, 0.2789

Deuteranomaly

61.3261, 0.2839, 0.2782

Tritanomaly

61.6310, 0.2901, 0.2982

Monochromacy



Original Color

61.5130, 0.2826, 0.2791

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9157, 0.3010, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5130, 0.2826, 0.2791 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(202, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 247)  
}
```

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(202, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 247) }
```

Border

The CSS property to change the border of an element to Yxy 61.5130, 0.2826, 0.2791 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(202, 202, 247) }
```

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

```
.border{ border-color:rgb(202, 202, 247) }
```

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

Here you see how a box with a 4 pixel rgb(202, 202, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5130, 0.2826, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 247) }
```

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

```
.background{ background-color: rgb(202,  
202, 247) }
```

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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