

Converting Colors

Yxy(61.3613, 0.2890, 0.2854)

Have a look what the booklet for
Yxy(61.3613, 0.2890, 0.2854)
contains.

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Color

Yxy(61.2460, 0.2891, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	CEC9F1
RGB	206, 201, 241
RGB Percent	81%, 79%, 95%
CMY	0.1921, 0.2117, 0.0550
CMYK	0.15, 0.17, 0.00, 0.06
HSL	248°, 59%, 87%
HSV	248°, 17%, 94%
XYZ	62.2144, 61.2460, 91.7399
YIQ	207.0550, -9.8600, 13.5000

Conversions

Conversions Part 2

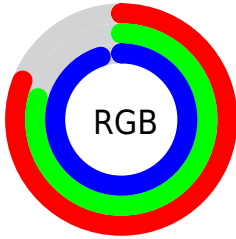
Format	Color
R _Y B	206, 201, 241
Decimal	13552113
CIE Lab	82.51, 9.52, -19.05
CIE LCh	83, 21.297, 296.539
Yxy	61.2460, 0.2891, 0.2846
Android (android.graphics.Color)	4291742193 (0xFFCEC9F1)
YUV	207.0550, 16.7349, -0.9252
Hunter-Lab	78.2598, 4.9479, -14.7207

Details

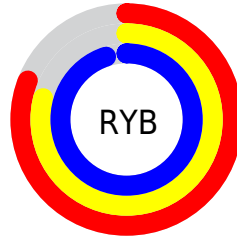
The Yxy color **61.2460, 0.2891, 0.2846** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9413, 0.3342, 0.3707**, and the grayscale version is **62.3302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9495, 0.2825, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **48.0624, 0.2723, 0.2538**, and if you desaturate by 10%, it is **76.6019, 0.3040, 0.3124**.

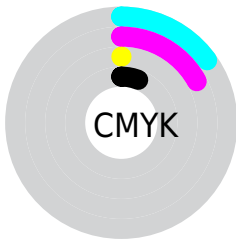
Distribution



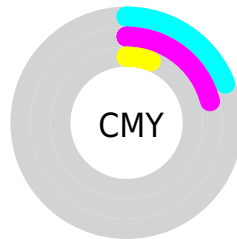
- Red (81%)
- Green (79%)
- Blue (95%)



- Red (81%)
- Yellow (79%)
- Blue (95%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2460, 0.2891, 0.2846 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 61.2460, 0.2891, 0.2846 by changing the saturation by 10% instead.

■ 61.2460, 0.2891,
0.2846

■ 61.2460, 0.2891,
0.2846

429.1754, 0.3004,
0.3052

■ 44.4237, 0.2864,
0.2799

106.6350, 0.2931,
0.2918

■ 31.0038, 0.2830,
0.2740

135.9706, 0.2947,
0.2946

■ 20.6017, 0.2787,
0.2666

170.2461, 0.2960,
0.2970

■ 12.8332, 0.2729,
0.2570

209.8458, 0.2971,
0.2991

■ 7.3138, 0.2648,
0.2438

255.1542, 0.2981,
0.3009

■ 3.6591, 0.2528,
0.2250

306.5557, 0.2990,

■ 1.4848, 0.2332,

0.3025

0.1962

364.4346, 0.2997,
0.3040

0.2780, 0.1927,
0.1079

0.0000, 0.0000,
0.0000

61.2460, 0.2891,
0.2846

61.2460, 0.2891,
0.2846

48.0624, 0.2723,
0.2538

76.6019, 0.3040,
0.3124

36.9454, 0.2537,
0.2205

94.2141, 0.3169,
0.3371

27.7922, 0.2339,
0.1859

99.1293, 0.3209,
0.3425

20.4879, 0.2138,
0.1518

■ 14.9056, 0.1947,
0.1204

■ 10.9024, 0.1778,
0.0942

■ 8.3118, 0.1647,
0.0753

■ 6.9272, 0.1560,
0.0645

■ 6.6272, 0.1539,
0.0621

Harmonies

Analogous

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



61.2460, 0.2697, 0.2863



61.2460, 0.2891, 0.2846



61.2460, 0.3156, 0.2936

Triad

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



61.2460, 0.2891, 0.2846



61.2460, 0.3667, 0.3555



61.2460, 0.2830, 0.3473

Complementary

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



61.2460, 0.2891, 0.2846



84.9413, 0.3342, 0.3707

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.



61.2460, 0.3080, 0.3684



61.2460, 0.2891, 0.2846



61.2460, 0.3568, 0.3720

Square

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



61.2460, 0.2891, 0.2846



61.2460, 0.3614, 0.3333



61.2460, 0.3351, 0.3774



61.2460, 0.2663, 0.3215

Rectangle

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



61.2460, 0.2891, 0.2846



61.2460, 0.3339, 0.3046



61.2460, 0.3351, 0.3774



61.2460, 0.2907, 0.3553

Sweetspot

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



61.2485, 0.2891, 0.2846



90.0784, 0.3061, 0.3165



78.9379, 0.2874, 0.3239



18.9932, 0.3052, 0.3147



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.



61.2485, 0.2891, 0.2846



64.1625, 0.2835, 0.2742



64.2389, 0.3033, 0.2864



15.3234, 0.2999, 0.3047



3.6255, 0.1547, 0.0626



0.3318, 0.1637, 0.0675

Inverse Universe

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



66.5278, 0.3182, 0.2928



71.2619, 0.3195, 0.2851



81.7612, 0.3208, 0.3725



15.9954, 0.3157, 0.3086



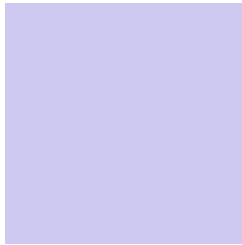
12.7019, 0.3552, 0.1730



1.0661, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 61.2460, 0.2891, 0.2846 looks on a white background.

Color Contrast Check

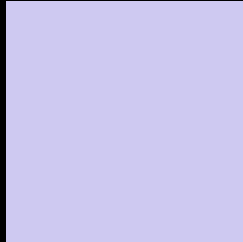
Large Text (above 18pt) WCAG AA × Fail

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 61.2460, 0.2891, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

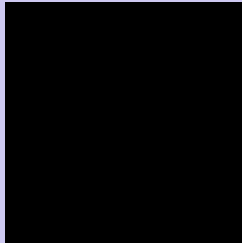
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2460, 0.2891, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 61.2460, 0.2891, 0.2846.



This preview shows how white text looks on a background with the Yxy color 61.2460, 0.2891, 0.2846.

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

61.2460, 0.2891, 0.2846

Protanopia

61.0533, 0.2817, 0.2840

Deuteranopia

61.0693, 0.2905, 0.2836



Tritanopia

61.5796, 0.3002, 0.3106

Trichromacy



Original Color

61.2460, 0.2891, 0.2846

Protanomaly

60.9312, 0.2843, 0.2841

Deuteranomaly

60.9248, 0.2898, 0.2835

Tritanomaly

61.6245, 0.2962, 0.3017

Monochromacy



Original Color

61.2460, 0.2891, 0.2846

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0425, 0.3045, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2460, 0.2891, 0.2846 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(206, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 241)  
}
```

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(206, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 241) }
```

Border

The CSS property to change the border of an element to Yxy 61.2460, 0.2891, 0.2846 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(206, 201, 241) }
```

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

```
.border{ border-color:rgb(206, 201, 241) }
```

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

Here you see how a box with a 4 pixel rgb(206, 201, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2460, 0.2891, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 241) }
```

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

```
.background{ background-color: rgb(206,  
201, 241) }
```

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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