

Converting Colors

Yxy(61.8092, 0.2817, 0.2872)

Have a look what the booklet for
Yxy(61.8092, 0.2817, 0.2872)
contains.

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Color

Yxy(61.8092, 0.2817, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	C4CDF2
RGB	196, 205, 242
RGB Percent	77%, 80%, 95%
CMY	0.2317, 0.1960, 0.0511
CMYK	0.19, 0.15, 0.00, 0.05
HSL	228°, 64%, 86%
HSV	228°, 19%, 95%
XYZ	60.6044, 61.8092, 92.7246
YIQ	206.5270, -17.2410, 9.5990

Conversions

Conversions Part 2

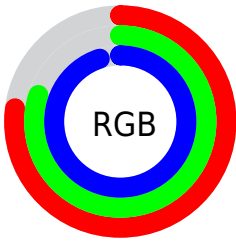
Format	Color
R _Y B	196, 204, 242
Decimal	12897778
CIE Lab	82.81, 4.44, -19.21
CIE LCh	83, 19.714, 283.017
Yxy	61.8092, 0.2817, 0.2873
Android (android.graphics.Color)	4291087858 (0xFFC4CDF2)
YUV	206.5270, 17.4882, -9.2322
Hunter-Lab	78.6188, 0.0163, -14.8946

Details

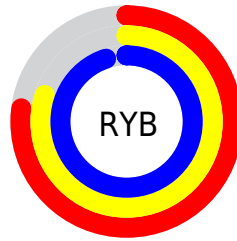
The Yxy color **61.8092, 0.2817, 0.2873** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0586, 0.3431, 0.3675**, and the grayscale version is **61.9642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **31.4292, 0.2741, 0.2772** is the 20% darker color. If you saturate the color by 10%, you get **50.1065, 0.2634, 0.2616**, and if you desaturate by 10%, it is **75.1923, 0.2987, 0.3104**.

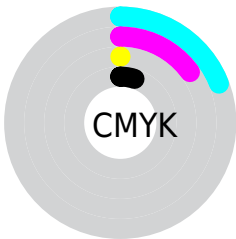
Distribution



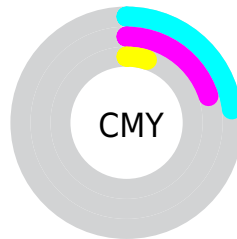
- Red (77%)
- Green (80%)
- Blue (95%)



- Red (77%)
- Yellow (80%)
- Blue (95%)



- Cyan (19%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (23%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8092, 0.2817, 0.2873 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 61.8092, 0.2817, 0.2873 by changing the saturation by 10% instead.

■ 61.8092, 0.2817,
0.2873

■ 61.8092, 0.2817,
0.2873

431.2348, 0.2964,
0.3068

■ 44.8785, 0.2783,
0.2828

107.4497, 0.2869,
0.2941

■ 31.3618, 0.2740,
0.2772

136.9284, 0.2889,
0.2967

■ 20.8745, 0.2685,
0.2701

171.3585, 0.2906,
0.2990

■ 13.0323, 0.2612,
0.2609

211.1245, 0.2921,
0.3010

■ 7.4508, 0.2511,
0.2482

256.6107, 0.2934,
0.3027

■ 3.7456, 0.2364,
0.2299

308.2016, 0.2945,

■ 1.5323, 0.2130,

0.3042

0.2016

366.2814, 0.2955,
0.3056

0.3113, 0.1561,
0.1202

0.0000, 0.0000,
0.0000

61.8092, 0.2817,
0.2873

61.8092, 0.2817,
0.2873

50.1065, 0.2634,
0.2616

75.1923, 0.2987,
0.3104

40.0096, 0.2441,
0.2335

90.3114, 0.3141,
0.3309

31.4493, 0.2245,
0.2038

99.1897, 0.3203,
0.3415

24.3485, 0.2054,
0.1735

■ 18.6229, 0.1879,
0.1441

■ 14.1793, 0.1732,
0.1175

■ 10.9118, 0.1623,
0.0952

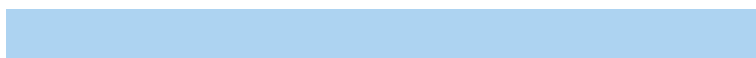
■ 8.6842, 0.1553,
0.0785

■ 8.5133, 0.1548,
0.0772

Harmonies

Analogous

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



61.8092, 0.2680, 0.2938



61.8092, 0.2817, 0.2873



61.8092, 0.3040, 0.2913

Triad

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



61.8092, 0.2817, 0.2873



61.8092, 0.3620, 0.3447



61.8092, 0.2951, 0.3556

Complementary

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



61.8092, 0.2817, 0.2873



81.0586, 0.3431, 0.3675

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.



61.8092, 0.3199, 0.3706



61.8092, 0.2817, 0.2873



61.8092, 0.3591, 0.3629

Square

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



61.8092, 0.2817, 0.2873



61.8092, 0.3510, 0.3235



61.8092, 0.3435, 0.3729



61.8092, 0.2755, 0.3329

Rectangle

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



61.8092, 0.2817, 0.2873



61.8092, 0.3210, 0.2992



61.8092, 0.3435, 0.3729



61.8092, 0.3031, 0.3618

Sweetspot

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



61.8117, 0.2817, 0.2873



89.6307, 0.3035, 0.3169



81.0876, 0.2892, 0.3390



18.9524, 0.3025, 0.3155



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.



61.8117, 0.2817, 0.2873



64.0918, 0.2745, 0.2772



59.5153, 0.2909, 0.2782



15.7350, 0.2980, 0.3095



4.7254, 0.1554, 0.0794



0.5281, 0.1617, 0.1020

Inverse Universe

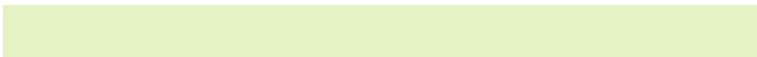
The Inverse Universe completely reimagines the original color for something new.



62.7258, 0.3429, 0.3194



65.4497, 0.3511, 0.3172



83.9952, 0.3318, 0.3779



15.8100, 0.3262, 0.3244



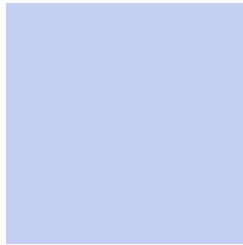
10.2704, 0.6080, 0.3123



0.8680, 0.5728, 0.2929

Previews

White Background



This preview shows how the Yxy color 61.8092, 0.2817, 0.2873 looks on a white background.

Color Contrast Check

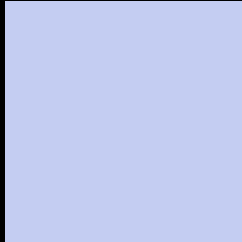
Large Text (above 18pt) WCAG AA × Fail

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 61.8092, 0.2817, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

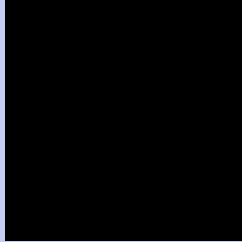
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8092, 0.2817, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 61.8092, 0.2817, 0.2873.

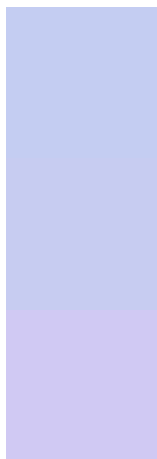


This preview shows how white text looks on a background with the Yxy color 61.8092, 0.2817, 0.2873.

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

61.8092, 0.2817, 0.2873

Protanopia

61.6787, 0.2843, 0.2874

Deuteranopia

61.6542, 0.2892, 0.2827



Tritanopia

61.8854, 0.2905, 0.3092

Trichromacy



Original Color

61.8092, 0.2817, 0.2873

Protanomaly

61.5424, 0.2837, 0.2873

Deuteranomaly

61.5495, 0.2864, 0.2834

Tritanomaly

61.8645, 0.2873, 0.3014

Monochromacy



Original Color

61.8092, 0.2817, 0.2873

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0064, 0.3009, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8092, 0.2817, 0.2873 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(196, 205, 242)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 242)  
}
```

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(196, 205, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 242) }
```

Border

The CSS property to change the border of an element to Yxy 61.8092, 0.2817, 0.2873 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(196, 205, 242) }
```

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

```
.border{ border-color:rgb(196, 205, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 205, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 205, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 205, 242);  
box-shadow:4px 4px 4px 4px rgb(196, 205,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8092, 0.2817, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 242) }
```

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

```
.background{ background-color: rgb(196,  
205, 242) }
```

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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