

Converting Colors

$Yxy(60.3740, 0.2850, 0.2830)$

Have a look what the booklet for
Yxy(60.3740, 0.2850, 0.2830)
contains.

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Color

Yxy(60.6016, 0.2849, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	C9C9F2
RGB	201, 201, 242
RGB Percent	79%, 79%, 95%
CMY	0.2120, 0.2117, 0.0510
CMYK	0.17, 0.17, 0.00, 0.05
HSL	240°, 61%, 87%
HSV	240°, 17%, 95%
XYZ	60.9869, 60.6016, 92.4758
YIQ	205.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

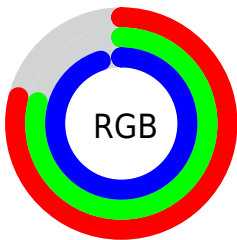
Format	Color
R _{YB}	201, 201, 242
Decimal	13224434
CIE Lab	82.16, 8.14, -20.15
CIE LCh	82, 21.734, 291.983
Yxy	60.6016, 0.2849, 0.2831
Android (android.graphics.Color)	4291414514 (0xFFC9C9F2)
YUV	205.6740, 17.9087, -4.0991
Hunter-Lab	77.8470, 3.6082, -15.9386

Details

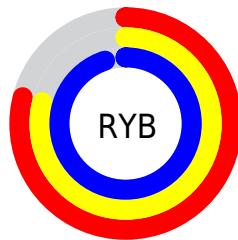
The Yxy color **60.6016, 0.2849, 0.2831** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5352, 0.3383, 0.3711**, and the grayscale version is **61.3881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.6157, 0.2781, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **47.1221, 0.2657, 0.2515**, and if you desaturate by 10%, it is **76.3843, 0.3020, 0.3114**.

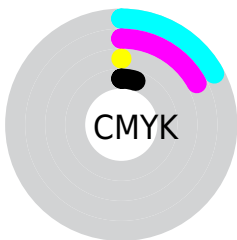
Distribution



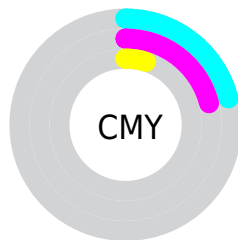
- Red (79%)
- Green (79%)
- Blue (95%)



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



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6016, 0.2849, 0.2831 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 60.6016, 0.2849, 0.2831 by changing the saturation by 10% instead.

■ 60.6016, 0.2849,
0.2831

■ 60.6016, 0.2849,
0.2831

426.8117, 0.2982,
0.3045

■ 43.9037, 0.2818,
0.2782

105.7019, 0.2896,
0.2906

■ 30.5948, 0.2778,
0.2721

134.8731, 0.2914,
0.2934

■ 20.2905, 0.2728,
0.2644

168.9708, 0.2930,
0.2959

■ 12.6064, 0.2660,
0.2543

208.3795, 0.2943,
0.2981

■ 7.1581, 0.2566,
0.2406

253.4835, 0.2955,
0.3000

■ 3.5612, 0.2427,
0.2210

304.6673, 0.2965,

■ 1.4312, 0.2204,

0.3017

0.1908

362.3153, 0.2974,
0.3032

0.2396, 0.1690,
0.0950

0.0000, 0.0000,
0.0000

60.6016, 0.2849,
0.2831

60.6016, 0.2849,
0.2831

47.1221, 0.2657,
0.2515

76.3843, 0.3020,
0.3114

35.8311, 0.2449,
0.2171

94.5628, 0.3171,
0.3362

26.6155, 0.2233,
0.1813

99.1900, 0.3203,
0.3415

19.3490, 0.2020,
0.1461

■ 13.8916, 0.1827,
0.1142

■ 10.0846, 0.1671,
0.0884

■ 7.7420, 0.1564,
0.0707

■ 6.6275, 0.1511,
0.0618

■ 6.4208, 0.1500,
0.0601

Harmonies

Analogous

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



60.6016, 0.2666, 0.2866



60.6016, 0.2849, 0.2831



60.6016, 0.3113, 0.2908

Triad

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



60.6016, 0.2849, 0.2831



60.6016, 0.3682, 0.3528



60.6016, 0.2857, 0.3516

Complementary

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



60.6016, 0.2849, 0.2831



86.5352, 0.3383, 0.3711

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.



60.6016, 0.3121, 0.3717



60.6016, 0.2849, 0.2831



60.6016, 0.3603, 0.3710

Square

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



60.6016, 0.2849, 0.2831



60.6016, 0.3604, 0.3298



60.6016, 0.3395, 0.3786



60.6016, 0.2670, 0.3253

Rectangle

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



60.6016, 0.2849, 0.2831



60.6016, 0.3303, 0.3012



60.6016, 0.3395, 0.3786



60.6016, 0.2940, 0.3594

Sweetspot

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



60.6041, 0.2849, 0.2831



89.8103, 0.3051, 0.3165



82.2745, 0.2875, 0.3297



18.9284, 0.3040, 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.



60.6041, 0.2849, 0.2831



63.2930, 0.2792, 0.2737



63.4931, 0.2990, 0.2849



15.2340, 0.2979, 0.3046



3.4521, 0.1501, 0.0601



0.2890, 0.1501, 0.0605

Inverse Universe

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



64.8386, 0.3452, 0.3290



68.8104, 0.3526, 0.3290



83.2634, 0.3246, 0.3731



15.7594, 0.3293, 0.3290



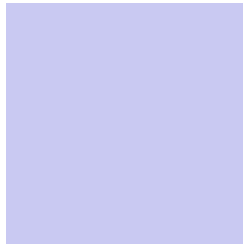
10.1418, 0.6399, 0.3298



0.8439, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 60.6016, 0.2849, 0.2831 looks on a white background.

Color Contrast Check

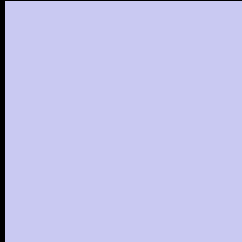
Large Text (above 18pt) WCAG AA × Fail

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 60.6016, 0.2849, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

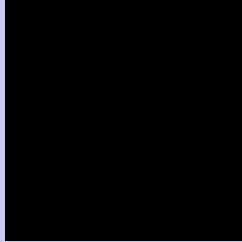
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6016, 0.2849, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 60.6016, 0.2849, 0.2831.



This preview shows how white text looks on a background with the Yxy color 60.6016, 0.2849, 0.2831.

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

60.6016, 0.2849, 0.2831

Protanopia

60.4479, 0.2809, 0.2827

Deuteranopia

60.8412, 0.2884, 0.2824



Tritanopia

60.7534, 0.2958, 0.3104

Trichromacy



Original Color

60.6016, 0.2849, 0.2831

Protanomaly

60.7179, 0.2823, 0.2829

Deuteranomaly

60.5567, 0.2870, 0.2822

Tritanomaly

60.8486, 0.2913, 0.3003

Monochromacy



Original Color

60.6016, 0.2849, 0.2831

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1376, 0.3023, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6016, 0.2849, 0.2831 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(201, 201, 242)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 242) }
```

Border

The CSS property to change the border of an element to Yxy 60.6016, 0.2849, 0.2831 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(201, 201, 242) }
```

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

```
.border{ border-color:rgb(201, 201, 242) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 242);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6016, 0.2849, 0.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 242) }
```

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

```
.background{ background-color: rgb(201,  
201, 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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