

Converting Colors

$Y_{xy}(62.5971, 0.2834, 0.2829)$

Have a look what the booklet for
Yxy(62.5971, 0.2834, 0.2829)
contains.

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Color

Yxy(62.3961, 0.2833, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	CACCF6
RGB	202, 204, 246
RGB Percent	79%, 80%, 96%
CMY	0.2077, 0.2000, 0.0352
CMYK	0.18, 0.17, 0.00, 0.04
HSL	237°, 71%, 88%
HSV	237°, 18%, 96%
XYZ	62.5950, 62.3961, 95.9583
YIQ	208.1900, -14.6740, 12.6380

Conversions

Conversions Part 2

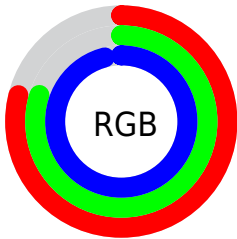
Format	Color
R _Y B	202, 204, 246
Decimal	13290742
CIE Lab	83.12, 7.76, -20.85
CIE LCh	83, 22.245, 290.410
Yxy	62.3961, 0.2833, 0.2824
Android (android.graphics.Color)	4291480822 (0xFFCACC6)
YUV	208.1900, 18.6403, -5.4286
Hunter-Lab	78.9912, 3.2141, -16.7315

Details

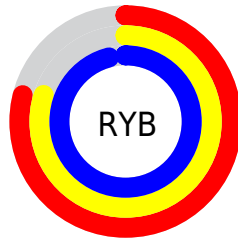
The Yxy color $62.3961, 0.2833, 0.2824$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.6123, 0.3400, 0.3717$, and the grayscale version is $63.0953, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.7334, 0.2752, 0.2710$ is the 20% darker color. If you saturate the color by 10%, you get $48.8908, 0.2642, 0.2518$, and if you desaturate by 10%, it is $78.1404, 0.3005, 0.3098$.

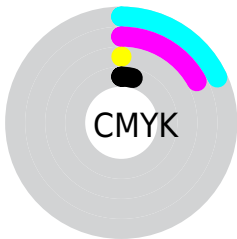
Distribution



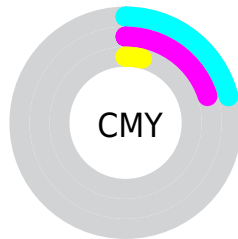
- Red (79%)
- Green (80%)
- Blue (96%)



- Red (79%)
- Yellow (80%)
- Blue (96%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (21%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3961, 0.2833, 0.2824 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 62.3961, 0.2833, 0.2824 by changing the saturation by 10% instead.

■ 62.3961, 0.2833,
0.2824

■ 62.3961, 0.2833,
0.2824

433.3745, 0.2973,
0.3040

■ 45.3528, 0.2800,
0.2775

108.2978, 0.2882,
0.2899

■ 31.7354, 0.2759,
0.2714

137.9250, 0.2901,
0.2928

■ 21.1595, 0.2707,
0.2637

172.5157, 0.2917,
0.2953

■ 13.2406, 0.2638,
0.2536

212.4542, 0.2932,
0.2975

■ 7.5945, 0.2542,
0.2400

258.1249, 0.2944,
0.2994

■ 3.8366, 0.2401,
0.2207

309.9123, 0.2955,

■ 1.5826, 0.2178,

0.3011

0.1914

368.2007, 0.2964,
0.3027

■ 0.3458, 0.1735,
0.1158

■ 0.0000, 0.0000,
0.0000

■ 62.3961, 0.2833,
0.2824

■ 62.3961, 0.2833,
0.2824

■ 48.8908, 0.2642,
0.2518

■ 78.1404, 0.3005,
0.3098

■ 37.5157, 0.2436,
0.2187

■ 96.2108, 0.3158,
0.3338

■ 28.1642, 0.2223,
0.1840

■ 99.4358, 0.3179,
0.3376

■ 20.7178, 0.2015,
0.1498

■ 15.0453, 0.1827,
0.1183

■ 10.9991, 0.1674,
0.0922

■ 8.4080, 0.1568,
0.0736

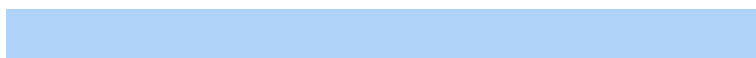
■ 7.0574, 0.1513,
0.0632

■ 6.8937, 0.1506,
0.0619

Harmonies

Analogous

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



62.3961, 0.2653, 0.2865



62.3961, 0.2833, 0.2824



62.3961, 0.3098, 0.2897

Triad

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



62.3961, 0.2833, 0.2824



62.3961, 0.3689, 0.3520



62.3961, 0.2866, 0.3532

Complementary

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



62.3961, 0.2833, 0.2824



88.6123, 0.3400, 0.3717

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.



62.3961, 0.3136, 0.3731



62.3961, 0.2833, 0.2824



62.3961, 0.3617, 0.3708

Square

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



62.3961, 0.2833, 0.2824



62.3961, 0.3603, 0.3285



62.3961, 0.3412, 0.3793



62.3961, 0.2672, 0.3266

Rectangle

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



62.3961, 0.2833, 0.2824



62.3961, 0.3290, 0.2999



62.3961, 0.3412, 0.3793



62.3961, 0.2951, 0.3610

Sweetspot

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



62.3987, 0.2833, 0.2824



90.1330, 0.3051, 0.3170



85.0142, 0.2869, 0.3313



19.0064, 0.3040, 0.3153



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.



62.3987, 0.2833, 0.2824



62.8049, 0.2775, 0.2731



64.4169, 0.2971, 0.2821



16.0447, 0.2979, 0.3056



3.7312, 0.1508, 0.0627



0.3687, 0.1527, 0.0696

Inverse Universe

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



66.2155, 0.3459, 0.3270



67.5949, 0.3533, 0.3267



86.4037, 0.3263, 0.3755



16.4944, 0.3287, 0.3280



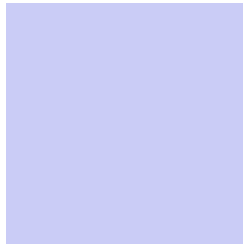
10.4760, 0.6354, 0.3274



0.9249, 0.6239, 0.3210

Previews

White Background



This preview shows how the Yxy color 62.3961, 0.2833, 0.2824 looks on a white background.

Color Contrast Check

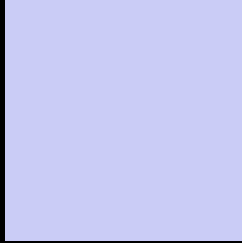
Large Text (above 18pt) WCAG AA × Fail

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 62.3961, 0.2833, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

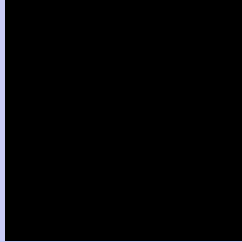
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3961, 0.2833, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 62.3961, 0.2833, 0.2824.



This preview shows how white text looks on a background with the Yxy color 62.3961, 0.2833, 0.2824.

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

62.3961, 0.2833, 0.2824

Protanopia

62.3838, 0.2800, 0.2822

Deuteranopia

62.3048, 0.2873, 0.2807



Tritanopia

62.4993, 0.2946, 0.3105

Trichromacy



Original Color

62.3961, 0.2833, 0.2824

Protanomaly

62.5202, 0.2807, 0.2823

Deuteranomaly

62.4875, 0.2860, 0.2817

Tritanomaly

62.5940, 0.2902, 0.3005

Monochromacy



Original Color

62.3961, 0.2833, 0.2824

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0214, 0.3017, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3961, 0.2833, 0.2824 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, 204, 246)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 246)  
}
```

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, 204, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.3961, 0.2833, 0.2824 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, 204, 246) }
```

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

```
.border{ border-color:rgb(202, 204, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 246);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3961, 0.2833, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 246) }
```

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

```
.background{ background-color: rgb(202,  
204, 246) }
```

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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