

Converting Colors

Yxy(64.9048, 0.2899, 0.3076)

Have a look what the booklet for
Yxy(64.9048, 0.2899, 0.3076)
contains.

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Color

Yxy(64.7268, 0.2896, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	C5D4E7
RGB	197, 212, 231
RGB Percent	77%, 83%, 91%
CMY	0.2274, 0.1686, 0.0940
CMYK	0.15, 0.08, 0.00, 0.09
HSL	214°, 42%, 84%
HSV	214°, 15%, 91%
XYZ	60.9986, 64.7268, 84.9052
YIQ	209.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

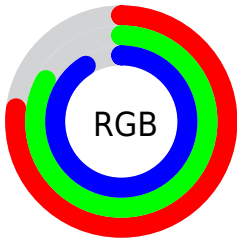
Format	Color
R _Y B	197, 207, 231
Decimal	12965095
CIE Lab	84.34, -1.23, -11.08
CIE LCh	84, 11.149, 263.680
Yxy	64.7268, 0.2896, 0.3073
Android (android.graphics.Color)	4291155175 (0xFFC5D4E7)
YUV	209.6810, 10.5103, -11.1212
Hunter-Lab	80.4530, -5.4558, -6.2540

Details

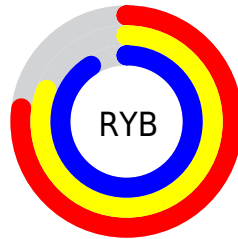
The Yxy color **64.7268, 0.2896, 0.3073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1624, 0.3371, 0.3498**, and the grayscale version is **64.1695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.0487, 0.2843, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **55.6396, 0.2730, 0.2905**, and if you desaturate by 10%, it is **74.8147, 0.3055, 0.3224**.

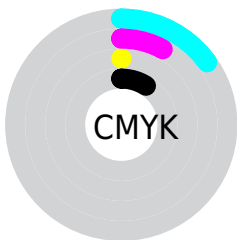
Distribution



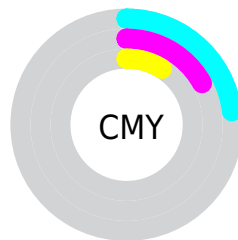
- Red (77%)
- Green (83%)
- Blue (91%)



- Red (77%)
- Yellow (81%)
- Blue (91%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7268, 0.2896, 0.3073 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 64.7268, 0.2896, 0.3073 by changing the saturation by 10% instead.

■ 64.7268, 0.2896,
0.3073

■ 64.7268, 0.2896,
0.3073

441.8096, 0.3005,
0.3176

■ 47.2396, 0.2871,
0.3049

111.6570, 0.2934,
0.3109

■ 33.2251, 0.2839,
0.3019

141.8688, 0.2949,
0.3123

■ 22.2989, 0.2799,
0.2981

177.0908, 0.2961,
0.3135

■ 14.0767, 0.2746,
0.2931

217.7076, 0.2972,
0.3145

■ 8.1740, 0.2673,
0.2861

264.1035, 0.2982,
0.3154

■ 4.2065, 0.2565,
0.2757

316.6628, 0.2990,

■ 1.7897, 0.2393,

0.3162

0.2590

375.7700, 0.2998,
0.3169

0.4808, 0.1901,
0.2141

0.0000, 0.0000,
0.0000

64.7268, 0.2896,
0.3073

64.7268, 0.2896,
0.3073

55.6396, 0.2730,
0.2905

74.8147, 0.3055,
0.3224

47.5114, 0.2561,
0.2720

85.9273, 0.3205,
0.3359

40.3090, 0.2392,
0.2520

95.8868, 0.3272,
0.3482

33.9939, 0.2229,
0.2308

98.5515, 0.3268,
0.3522

■ 28.5246, 0.2077,
0.2089

■ 23.8552, 0.1943,
0.1870

■ 19.9341, 0.1832,
0.1657

■ 16.7008, 0.1747,
0.1459

■ 15.2298, 0.1711,
0.1360

Harmonies

Analogous

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



64.7268, 0.2859, 0.3150



64.7268, 0.2896, 0.3073



64.7268, 0.2995, 0.3055

Triad

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



64.7268, 0.2896, 0.3073



64.7268, 0.3369, 0.3305



64.7268, 0.3119, 0.3495

Complementary

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



64.7268, 0.2896, 0.3073



70.1624, 0.3371, 0.3498

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.



64.7268, 0.3257, 0.3536



64.7268, 0.2896, 0.3073



64.7268, 0.3403, 0.3422

Square

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



64.7268, 0.2896, 0.3073



64.7268, 0.3268, 0.3187



64.7268, 0.3362, 0.3507



64.7268, 0.2986, 0.3395

Rectangle

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



64.7268, 0.2896, 0.3073



64.7268, 0.3083, 0.3077



64.7268, 0.3362, 0.3507



64.7268, 0.3166, 0.3516

Sweetspot

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



64.7295, 0.2896, 0.3073



94.5293, 0.3066, 0.3234



73.9871, 0.2994, 0.3463



20.0179, 0.3054, 0.3224



0.0000, 0.0000, 0.0000



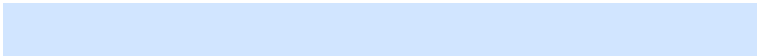
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.7295, 0.2896, 0.3073



77.0054, 0.2841, 0.3018



57.8113, 0.2902, 0.2899



14.9267, 0.2981, 0.3155



8.7733, 0.1719, 0.1390



0.8308, 0.1798, 0.1672

Inverse Universe

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



61.6853, 0.3286, 0.3127



72.5850, 0.3329, 0.3088



77.9165, 0.3335, 0.3656



14.4730, 0.3224, 0.3187



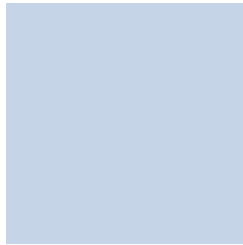
10.0834, 0.5205, 0.2641



0.7635, 0.4841, 0.2441

Previews

White Background



This preview shows how the Yxy color 64.7268, 0.2896, 0.3073 looks on a white background.

Color Contrast Check

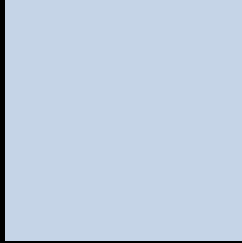
Large Text (above 18pt) WCAG AA × Fail

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 64.7268, 0.2896, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

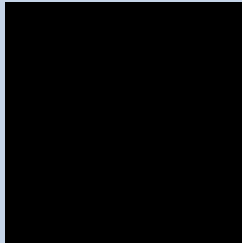
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

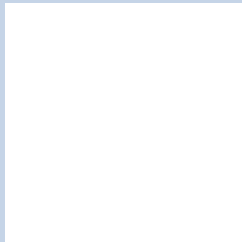
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7268, 0.2896, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 64.7268, 0.2896, 0.3073.

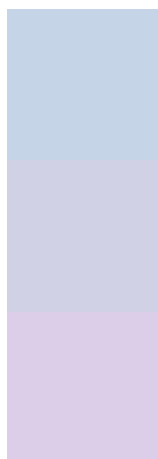


This preview shows how white text looks on a background with the Yxy color 64.7268, 0.2896, 0.3073.

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

64.7268, 0.2896, 0.3073

Protanopia

64.6680, 0.2985, 0.3066

Deuteranopia

64.7615, 0.3045, 0.2985



Tritanopia

64.6144, 0.2909, 0.3096

Trichromacy



Original Color

64.7268, 0.2896, 0.3073

Protanomaly

64.6437, 0.2950, 0.3065

Deuteranomaly

64.9350, 0.2994, 0.3024

Tritanomaly

64.6705, 0.2902, 0.3085

Monochromacy



Original Color

64.7268, 0.2896, 0.3073

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6296, 0.3036, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7268, 0.2896, 0.3073 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(197, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 231)  
}
```

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(197, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 231) }
```

Border

The CSS property to change the border of an element to Yxy 64.7268, 0.2896, 0.3073 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(197, 212, 231) }
```

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

```
.border{ border-color:rgb(197, 212, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7268, 0.2896, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 231) }
```

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

```
.background{ background-color: rgb(197,  
212, 231) }
```

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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