

Converting Colors

$Yxy(72.4224, 0.2894, 0.3158)$

Have a look what the booklet for
Yxy(72.4224, 0.2894, 0.3158)
contains.

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Color

Yxy(72.3824, 0.2892, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	C9E1ED
RGB	201, 225, 237
RGB Percent	79%, 88%, 93%
CMY	0.2116, 0.1177, 0.0706
CMYK	0.15, 0.05, 0.00, 0.07
HSL	200°, 50%, 86%
HSV	200°, 15%, 93%
XYZ	66.3066, 72.3824, 90.5869
YIQ	219.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

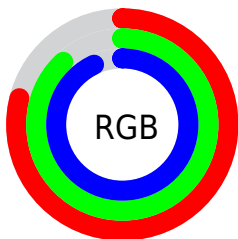
Format	Color
R _Y B	201, 215, 237
Decimal	13230573
CIE Lab	88.15, -5.48, -8.53
CIE LCh	88, 10.142, 237.265
Yxy	72.3824, 0.2892, 0.3157
Android (android.graphics.Color)	4291420653 (0xFFC9E1ED)
YUV	219.1920, 8.7793, -15.9544
Hunter-Lab	85.0778, -9.7698, -3.5747

Details

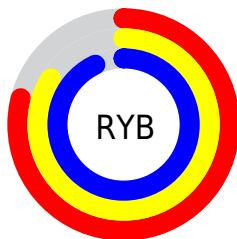
The Yxy color `72.3824, 0.2892, 0.3157` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `69.8323, 0.3392, 0.3419`, and the grayscale version is `70.9326, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.2887, 0.2841, 0.3130` is the 20% darker color. If you saturate the color by 10%, you get `65.1717, 0.2737, 0.3058`, and if you desaturate by 10%, it is `80.3040, 0.3048, 0.3247`.

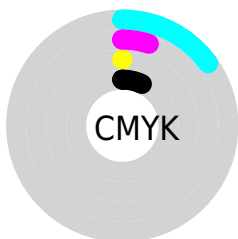
Distribution



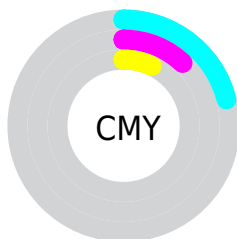
- Red (79%)
- Green (88%)
- Blue (93%)



- Red (79%)
- Yellow (84%)
- Blue (93%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3824, 0.2892, 0.3157 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 72.3824, 0.2892, 0.3157 by changing the saturation by 10% instead.

■ 72.3824, 0.2892,
0.3157

■ 72.3824, 0.2892,
0.3157

468.8715, 0.3000,
0.3219

■ 53.4711, 0.2867,
0.3143

122.6000, 0.2929,
0.3179

■ 38.1790, 0.2837,
0.3125

154.6752, 0.2944,
0.3187

■ 26.1216, 0.2799,
0.3102

191.9071, 0.2957,
0.3195

■ 16.9147, 0.2749,
0.3071

234.6801, 0.2968,
0.3201

■ 10.1737, 0.2682,
0.3030

283.3787, 0.2977,
0.3206

■ 5.5143, 0.2585,
0.2969

338.3872, 0.2986,

■ 2.5520, 0.2436,

0.3211

0.2872

400.0900, 0.2993,
0.3216

■ 0.9026, 0.2164,
0.2698

■ 0.0000, 0.0000,
0.0000

■ 72.3824, 0.2892,
0.3157

■ 72.3824, 0.2892,
0.3157

■ 65.1717, 0.2737,
0.3058

■ 80.3040, 0.3048,
0.3247

■ 58.6370, 0.2586,
0.2950

■ 88.9516, 0.3201,
0.3328

■ 52.7537, 0.2441,
0.2835

■ 94.9531, 0.3238,
0.3404

■ 47.4918, 0.2308,
0.2713

■ 98.8937, 0.3232,
0.3464

■ 42.8185, 0.2190,
0.2587

■ 38.6970, 0.2090,
0.2458

■ 35.0849, 0.2010,
0.2329

■ 31.9306, 0.1952,
0.2202

■ 30.5323, 0.1928,
0.2141

Harmonies

Analogous

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



72.3824, 0.2913, 0.3257



72.3824, 0.2892, 0.3157



72.3824, 0.2932, 0.3095

Triad

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



72.3824, 0.2892, 0.3157



72.3824, 0.3264, 0.3211



72.3824, 0.3228, 0.3504

Complementary

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



72.3824, 0.2892, 0.3157



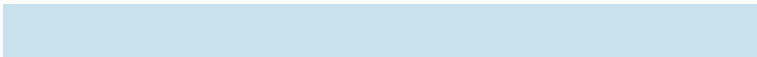
69.8323, 0.3392, 0.3419

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.



72.3824, 0.3324, 0.3486



72.3824, 0.2892, 0.3157



72.3824, 0.3346, 0.3316

Square

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



72.3824, 0.2892, 0.3157



72.3824, 0.3145, 0.3128



72.3824, 0.3368, 0.3417



72.3824, 0.3106, 0.3461

Rectangle

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



72.3824, 0.2892, 0.3157



72.3824, 0.2989, 0.3082



72.3824, 0.3368, 0.3417



72.3824, 0.3264, 0.3505

Sweetspot

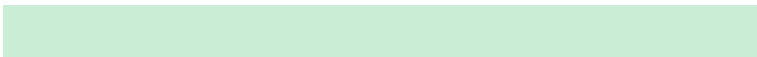
The Sweet Spot groups the original color and five complimentary colors.



72.3854, 0.2892, 0.3157



94.9766, 0.3050, 0.3248



77.7914, 0.3036, 0.3557



20.1815, 0.3039, 0.3242



0.0000, 0.0000, 0.0000



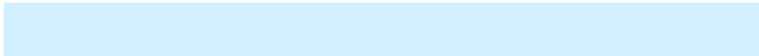
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3854, 0.2892, 0.3157



82.9227, 0.2847, 0.3129



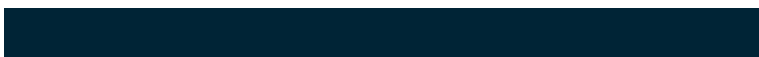
63.1829, 0.2884, 0.2953



16.2257, 0.2981, 0.3210



16.9226, 0.1934, 0.2162



1.5045, 0.1982, 0.2337

Inverse Universe

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



65.2349, 0.3231, 0.3037



73.1824, 0.3254, 0.2987



79.3727, 0.3364, 0.3606



15.2233, 0.3189, 0.3134



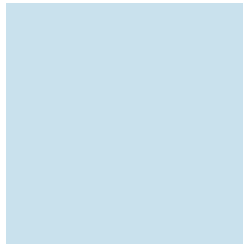
11.2012, 0.4273, 0.2128



0.8973, 0.4088, 0.2026

Previews

White Background



This preview shows how the Yxy color 72.3824, 0.2892, 0.3157 looks on a white background.

Color Contrast Check

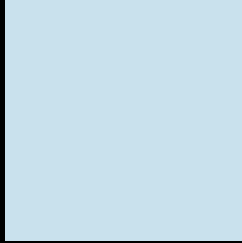
Large Text (above 18pt) WCAG AA × Fail

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 72.3824, 0.2892, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

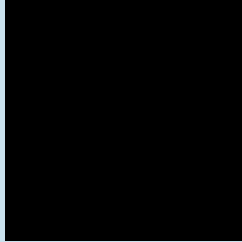
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

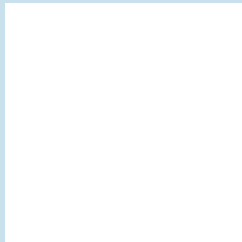
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3824, 0.2892, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 72.3824, 0.2892, 0.3157.

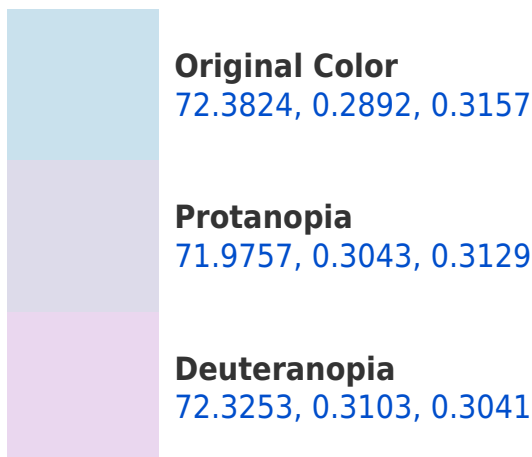


This preview shows how white text looks on a background with the Yxy color 72.3824, 0.2892, 0.3157.

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

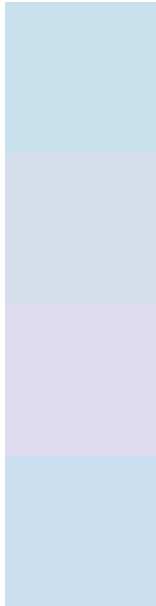




Tritanopia

72.2787, 0.2868, 0.3092

Trichromacy



Original Color

72.3824, 0.2892, 0.3157

Protanomaly

72.0072, 0.2989, 0.3138

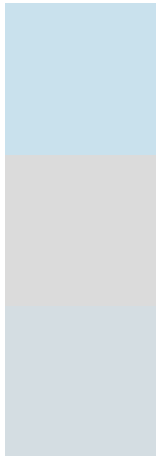
Deuteranomaly

72.3657, 0.3025, 0.3088

Tritanomaly

72.1591, 0.2880, 0.3114

Monochromacy



Original Color

72.3824, 0.2892, 0.3157

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2009, 0.3032, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3824, 0.2892, 0.3157 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, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 237)  
}
```

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, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 237) }
```

Border

The CSS property to change the border of an element to Yxy 72.3824, 0.2892, 0.3157 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, 225, 237) }
```

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

```
.border{ border-color:rgb(201, 225, 237) }
```

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

Here you see how a box with a 4 pixel rgb(201, 225, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
237) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3824, 0.2892, 0.3157$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 225, 237) }
```

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

```
.background{ background-color: rgb(201,  
225, 237) }
```

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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