

Converting Colors

$Yxy(72.1633, 0.2901, 0.3100)$

Have a look what the booklet for
Yxy(72.1633, 0.2901, 0.3100)
contains.

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Color

Yxy(72.1884, 0.2905, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	CEDFF0
RGB	206, 223, 240
RGB Percent	81%, 87%, 94%
CMY	0.1923, 0.1254, 0.0588
CMYK	0.14, 0.07, 0.00, 0.06
HSL	210°, 53%, 87%
HSV	210°, 14%, 94%
XYZ	67.5603, 72.1884, 92.8170
YIQ	219.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

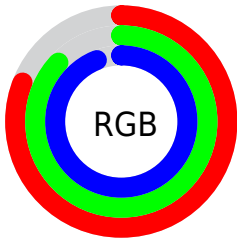
Format	Color
R _Y B	206, 217, 240
Decimal	13557744
CIE Lab	88.06, -2.31, -10.22
CIE LCh	88, 10.480, 257.292
Yxy	72.1884, 0.2905, 0.3104
Android (android.graphics.Color)	4291747824 (0xFFCEDFF0)
YUV	219.8550, 9.9315, -12.1508
Hunter-Lab	84.9638, -6.7493, -5.2956

Details

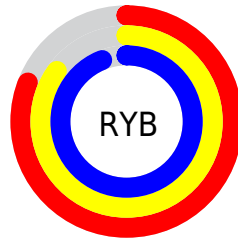
The Yxy color **72.1884, 0.2905, 0.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7273, 0.3365, 0.3469**, and the grayscale version is **71.3985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0453, 0.2850, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **62.8403, 0.2742, 0.2955**, and if you desaturate by 10%, it is **82.5196, 0.3063, 0.3238**.

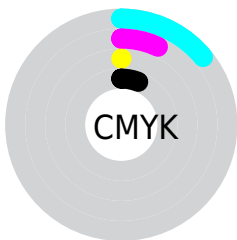
Distribution



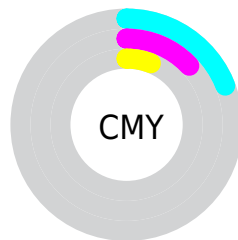
- Red (81%)
- Green (87%)
- Blue (94%)



- Red (81%)
- Yellow (85%)
- Blue (94%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (19%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1884, 0.2905, 0.3104 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 72.1884, 0.2905, 0.3104 by changing the saturation by 10% instead.

■ 72.1884, 0.2905,
0.3104

■ 72.1884, 0.2905,
0.3104

468.1971, 0.3007,
0.3190

■ 53.3126, 0.2882,
0.3084

122.3243, 0.2940,
0.3134

■ 38.0524, 0.2853,
0.3060

154.3533, 0.2954,
0.3146

■ 26.0233, 0.2817,
0.3029

191.5354, 0.2966,
0.3156

■ 16.8411, 0.2769,
0.2988

234.2550, 0.2977,
0.3165

■ 10.1213, 0.2705,
0.2932

282.8966, 0.2986,
0.3172

■ 5.4794, 0.2613,
0.2852

337.8446, 0.2994,

■ 2.5312, 0.2471,

0.3179

0.2726

399.4833, 0.3001,
0.3185

0.8922, 0.2221,
0.2503

0.0000, 0.0000,
0.0000

72.1884, 0.2905,
0.3104

72.1884, 0.2905,
0.3104

62.8403, 0.2742,
0.2955

82.5196, 0.3063,
0.3238

54.4333, 0.2577,
0.2792

93.8561, 0.3214,
0.3358

46.9352, 0.2415,
0.2615

99.0718, 0.3214,
0.3434

40.3084, 0.2259,
0.2427

■ 34.5119, 0.2114,
0.2233

■ 29.5004, 0.1988,
0.2036

■ 25.2229, 0.1883,
0.1842

■ 21.6187, 0.1802,
0.1656

■ 19.7861, 0.1765,
0.1554

Harmonies

Analogous

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



72.1884, 0.2884, 0.3184



72.1884, 0.2905, 0.3104



72.1884, 0.2984, 0.3075

Triad

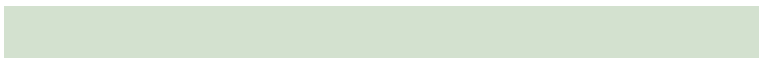
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1884, 0.2905, 0.3104



72.1884, 0.3331, 0.3280



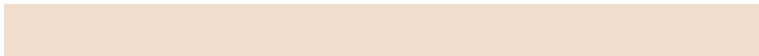
72.1884, 0.3148, 0.3488

Complementary

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



72.1884, 0.2905, 0.3104



75.7273, 0.3365, 0.3469

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.



72.1884, 0.3269, 0.3512



72.1884, 0.2905, 0.3104



72.1884, 0.3376, 0.3389

Square

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



72.1884, 0.2905, 0.3104



72.1884, 0.3230, 0.3176



72.1884, 0.3353, 0.3474



72.1884, 0.3023, 0.3408

Rectangle

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



72.1884, 0.2905, 0.3104



72.1884, 0.3061, 0.3087



72.1884, 0.3353, 0.3474



72.1884, 0.3190, 0.3503

Sweetspot

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



72.1914, 0.2905, 0.3104



94.9122, 0.3066, 0.3240



80.7369, 0.3012, 0.3482



20.1148, 0.3054, 0.3231



0.0000, 0.0000, 0.0000



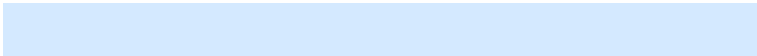
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1914, 0.2905, 0.3104



79.6527, 0.2859, 0.3063



63.8010, 0.2899, 0.2919



16.5374, 0.2980, 0.3169



11.0968, 0.1773, 0.1582



1.1222, 0.1839, 0.1820

Inverse Universe

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



67.9758, 0.3264, 0.3111



74.0765, 0.3297, 0.3074



84.9727, 0.3341, 0.3636



15.8910, 0.3215, 0.3172



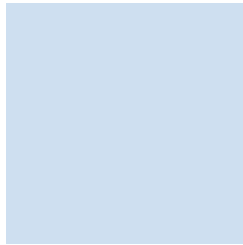
10.9136, 0.4954, 0.2503



0.9280, 0.4662, 0.2342

Previews

White Background



This preview shows how the Yxy color 72.1884, 0.2905, 0.3104 looks on a white background.

Color Contrast Check

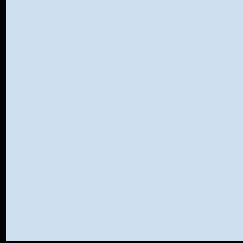
Large Text (above 18pt) WCAG AA × Fail

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 72.1884, 0.2905, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

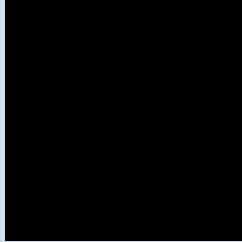
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

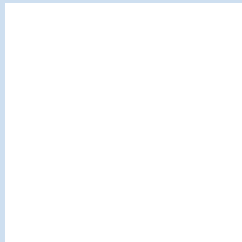
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1884, 0.2905, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 72.1884, 0.2905, 0.3104.

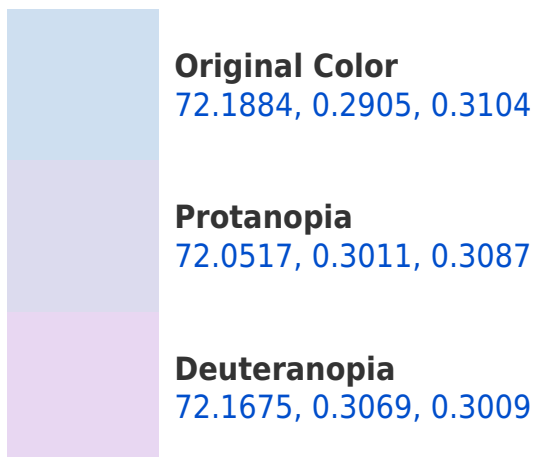


This preview shows how white text looks on a background with the Yxy color 72.1884, 0.2905, 0.3104.

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

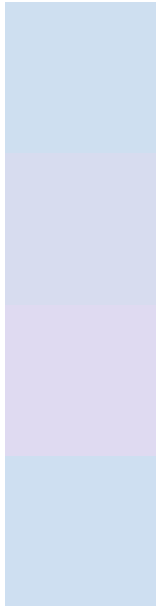




Tritanopia

72.2480, 0.2899, 0.3093

Trichromacy



Original Color

72.1884, 0.2905, 0.3104

Protanomaly

71.8655, 0.2971, 0.3085

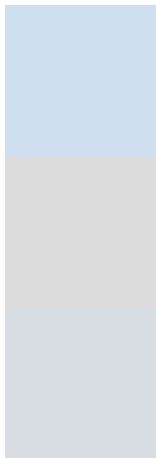
Deuteranomaly

72.1817, 0.3012, 0.3046

Tritanomaly

72.2480, 0.2899, 0.3093

Monochromacy



Original Color

72.1884, 0.2905, 0.3104

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7060, 0.3046, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1884, 0.2905, 0.3104 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(206, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(206, 223, 240)  
}
```

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(206, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 223, 240) }
```

Border

The CSS property to change the border of an element to Yxy 72.1884, 0.2905, 0.3104 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(206, 223, 240) }
```

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

```
.border{ border-color:rgb(206, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(206, 223,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1884, 0.2905, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 223, 240) }
```

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

```
.background{ background-color: rgb(206,  
223, 240) }
```

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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