

Converting Colors

$Yxy(72.2823, 0.2853, 0.3079)$

Have a look what the booklet for
Yxy(72.2823, 0.2853, 0.3079)
contains.

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Color

Yxy(72.1999, 0.2856, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	C9E0F3
RGB	201, 224, 243
RGB Percent	79%, 88%, 95%
CMY	0.2117, 0.1216, 0.0470
CMYK	0.17, 0.08, 0.00, 0.05
HSL	207°, 64%, 87%
HSV	207°, 17%, 95%
XYZ	66.9273, 72.1999, 95.2120
YIQ	219.2890, -19.8070, 1.0330

Conversions

Conversions Part 2

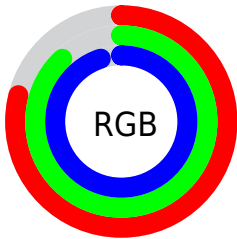
Format	Color
R _{YB}	201, 216, 243
Decimal	13230323
CIE _{Lab}	88.06, -3.73, -11.83
CIE _{LCh}	88, 12.404, 252.512
Yxy	72.1999, 0.2856, 0.3081
Android (android.graphics.Color)	4291420403 (0xFFC9E0F3)
YUV	219.2890, 11.6895, -16.0395
Hunter-Lab	84.9705, -8.1024, -6.9568

Details

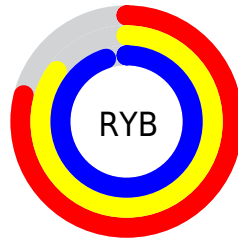
The Yxy color `72.1999, 0.2856, 0.3081` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `74.4853, 0.3426, 0.3490`, and the grayscale version is `70.9821, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `38.1668, 0.2795, 0.3032` is the 20% darker color. If you saturate the color by 10%, you get `63.3704, 0.2695, 0.2942`, and if you desaturate by 10%, it is `81.9512, 0.3015, 0.3207`.

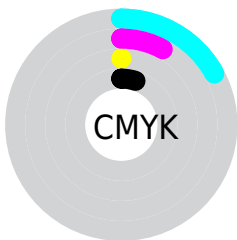
Distribution



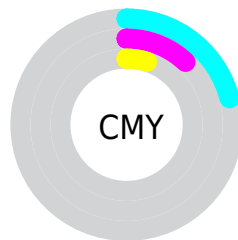
- Red (79%)
- Green (88%)
- Blue (95%)



- Red (79%)
- Yellow (85%)
- Blue (95%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1999, 0.2856, 0.3081 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 72.1999, 0.2856, 0.3081 by changing the saturation by 10% instead.

■ 72.1999, 0.2856,
0.3081

■ 72.1999, 0.2856,
0.3081

468.2371, 0.2981,
0.3178

■ 53.3220, 0.2828,
0.3059

122.3407, 0.2899,
0.3115

■ 38.0599, 0.2793,
0.3031

154.3724, 0.2916,
0.3128

■ 26.0292, 0.2749,
0.2996

191.5574, 0.2930,
0.3139

■ 16.8455, 0.2692,
0.2950

234.2802, 0.2943,
0.3149

■ 10.1244, 0.2614,
0.2887

282.9252, 0.2954,
0.3158

■ 5.4815, 0.2504,
0.2796

337.8767, 0.2964,

■ 2.5324, 0.2335,

0.3165

0.2654

399.5192, 0.2973,
0.3172

0.8928, 0.2040,
0.2404

0.0000, 0.0000,
0.0000

72.1999, 0.2856,
0.3081

72.1999, 0.2856,
0.3081

63.3704, 0.2695,
0.2942

81.9512, 0.3015,
0.3207

55.4215, 0.2534,
0.2791

92.6457, 0.3168,
0.3319

48.3219, 0.2378,
0.2628

99.2519, 0.3197,
0.3405

42.0344, 0.2231,
0.2456

■ 36.5185, 0.2099,
0.2279

■ 31.7289, 0.1985,
0.2100

■ 27.6134, 0.1893,
0.1924

■ 24.1065, 0.1825,
0.1756

■ 23.2318, 0.1809,
0.1711

Harmonies

Analogous

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



72.1999, 0.2844, 0.3182



72.1999, 0.2856, 0.3081



72.1999, 0.2939, 0.3038

Triad

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



72.1999, 0.2856, 0.3081



72.1999, 0.3353, 0.3257



72.1999, 0.3175, 0.3535

Complementary

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



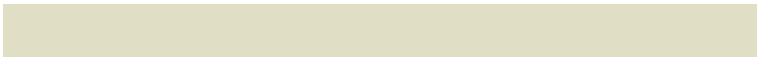
72.1999, 0.2856, 0.3081



74.4853, 0.3426, 0.3490

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.



72.1999, 0.3314, 0.3551



72.1999, 0.2856, 0.3081



72.1999, 0.3419, 0.3386

Square

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



72.1999, 0.2856, 0.3081



72.1999, 0.3226, 0.3139



72.1999, 0.3405, 0.3494



72.1999, 0.3025, 0.3449

Rectangle

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



72.1999, 0.2856, 0.3081



72.1999, 0.3025, 0.3045



72.1999, 0.3405, 0.3494



72.1999, 0.3225, 0.3549

Sweetspot

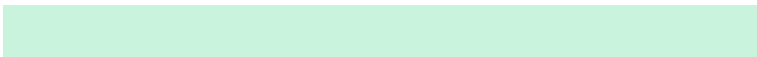
The Sweet Spot groups the original color and five complimentary colors.



72.2029, 0.2856, 0.3081



94.0321, 0.3050, 0.3233



81.6937, 0.2996, 0.3544



19.9518, 0.3039, 0.3225



0.0000, 0.0000, 0.0000



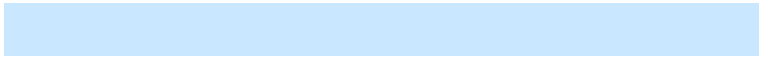
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2029, 0.2856, 0.3081



76.7094, 0.2795, 0.3030



61.6653, 0.2844, 0.2845



17.4294, 0.2980, 0.3180



13.0222, 0.1816, 0.1737



1.3498, 0.1874, 0.1947

Inverse Universe

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



66.2251, 0.3285, 0.3051



68.9986, 0.3327, 0.2996



86.1352, 0.3391, 0.3700



16.6342, 0.3208, 0.3161



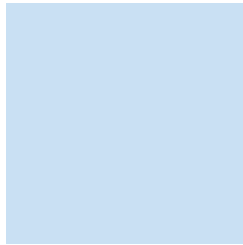
11.4140, 0.4761, 0.2397



1.0239, 0.4513, 0.2260

Previews

White Background



This preview shows how the Yxy color 72.1999, 0.2856, 0.3081 looks on a white background.

Color Contrast Check

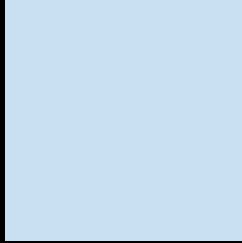
Large Text (above 18pt) WCAG AA × Fail

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 72.1999, 0.2856, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

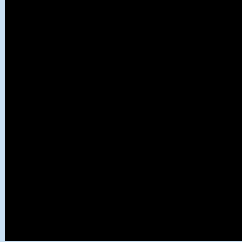
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

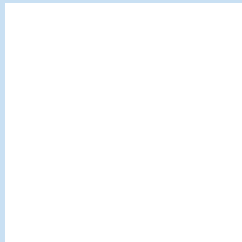
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1999, 0.2856, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 72.1999, 0.2856, 0.3081.

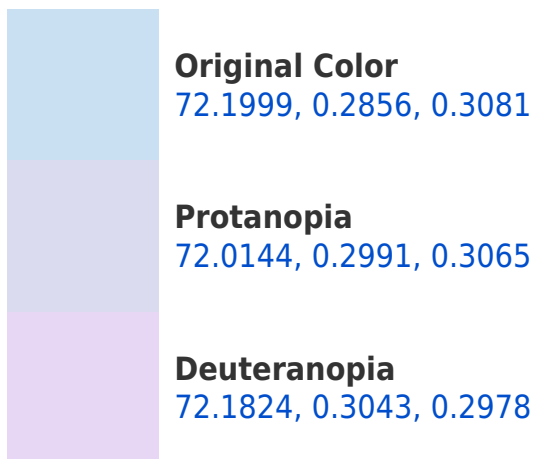


This preview shows how white text looks on a background with the Yxy color 72.1999, 0.2856, 0.3081.

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

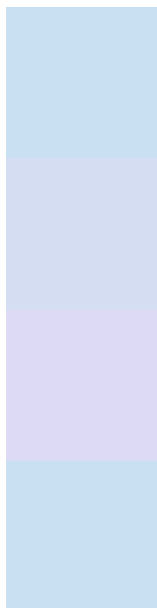




Tritanopia

72.1396, 0.2862, 0.3092

Trichromacy



Original Color

72.1999, 0.2856, 0.3081

Protanomaly

72.0608, 0.2938, 0.3074

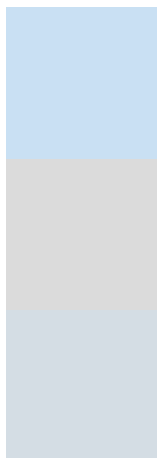
Deuteranomaly

71.8901, 0.2973, 0.3014

Tritanomaly

72.1396, 0.2862, 0.3092

Monochromacy



Original Color

72.1999, 0.2856, 0.3081

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.3114, 0.3019, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1999, 0.2856, 0.3081 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, 224, 243)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 243)  
}
```

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, 224, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 243) }
```

Border

The CSS property to change the border of an element to Yxy 72.1999, 0.2856, 0.3081 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, 224, 243) }
```

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

```
.border{ border-color:rgb(201, 224, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 224, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 243);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1999, 0.2856, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 243) }
```

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

```
.background{ background-color: rgb(201,  
224, 243) }
```

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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