

Converting Colors

$Yxy(72.7109, 0.2867, 0.3113)$

Have a look what the booklet for
Yxy(72.7109, 0.2867, 0.3113)
contains.

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Color

Yxy(72.6188, 0.2868, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	C9E1F1
RGB	201, 225, 241
RGB Percent	79%, 88%, 95%
CMY	0.2119, 0.1176, 0.0549
CMYK	0.17, 0.07, 0.00, 0.05
HSL	204°, 59%, 87%
HSV	204°, 17%, 95%
XYZ	66.8821, 72.6188, 93.7002
YIQ	219.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

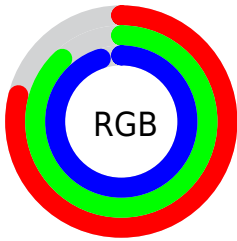
Format	Color
R_{YB}	201, 216, 241
Decimal	13230577
CIE _{Lab}	88.27, -4.69, -10.47
CIE _{LCh}	88, 11.471, 245.848
Yxy	72.6188, 0.2868, 0.3114
Android (android.graphics.Color)	4291420657 (0xFFC9E1F1)
YUV	219.6480, 10.5265, -16.3543
Hunter-Lab	85.2167, -9.0340, -5.5408

Details

The Yxy color **72.6188, 0.2868, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5120, 0.3417, 0.3460**, and the grayscale version is **71.2457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4553, 0.2811, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **64.4843, 0.2710, 0.2993**, and if you desaturate by 10%, it is **81.5763, 0.3025, 0.3224**.

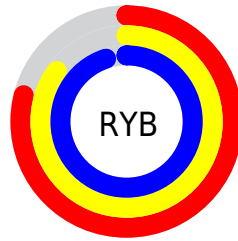
Distribution



Red (79%)

Green (88%)

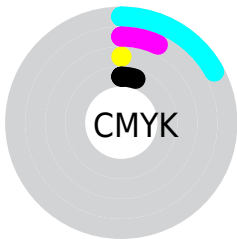
Blue (95%)



Red (79%)

Yellow (85%)

Blue (95%)

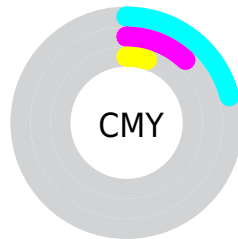


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6188, 0.2868, 0.3114 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 72.6188, 0.2868, 0.3114 by changing the saturation by 10% instead.

■ 72.6188, 0.2868,
0.3114

■ 72.6188, 0.2868,
0.3114

469.6926, 0.2987,
0.3196

■ 53.6643, 0.2841,
0.3095

122.9359, 0.2909,
0.3143

■ 38.3334, 0.2808,
0.3072

155.0673, 0.2925,
0.3154

■ 26.2415, 0.2766,
0.3042

192.3598, 0.2939,
0.3163

■ 17.0044, 0.2711,
0.3003

235.1978, 0.2951,
0.3172

■ 10.2376, 0.2638,
0.2949

283.9657, 0.2962,
0.3179

■ 5.5568, 0.2532,
0.2871

339.0478, 0.2971,

■ 2.5775, 0.2371,

0.3185

0.2748

400.8287, 0.2980,
0.3191

0.9154, 0.2087,
0.2530

0.0000, 0.0000,
0.0000

72.6188, 0.2868,
0.3114

72.6188, 0.2868,
0.3114

64.4843, 0.2710,
0.2993

81.5763, 0.3025,
0.3224

57.1346, 0.2554,
0.2861

91.3752, 0.3179,
0.3322

50.5415, 0.2403,
0.2720

98.4136, 0.3210,
0.3414

44.6714, 0.2263,
0.2571

99.1301, 0.3209,
0.3425

■ 39.4872, 0.2138,
0.2416

■ 34.9475, 0.2030,
0.2260

■ 31.0048, 0.1945,
0.2104

■ 27.6001, 0.1881,
0.1953

■ 26.5367, 0.1862,
0.1903

Harmonies

Analogous

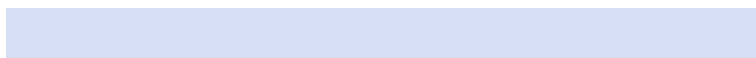
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6188, 0.2872, 0.3217



72.6188, 0.2868, 0.3114



72.6188, 0.2932, 0.3060

Triad

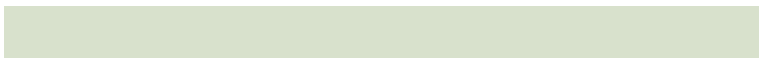
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6188, 0.2868, 0.3114



72.6188, 0.3314, 0.3234



72.6188, 0.3202, 0.3525

Complementary

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



72.6188, 0.2868, 0.3114



72.5120, 0.3417, 0.3460

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.



72.6188, 0.3324, 0.3524



72.6188, 0.2868, 0.3114



72.6188, 0.3389, 0.3353

Square

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



72.6188, 0.2868, 0.3114



72.6188, 0.3188, 0.3130



72.6188, 0.3393, 0.3460



72.6188, 0.3063, 0.3459

Rectangle

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



72.6188, 0.2868, 0.3114



72.6188, 0.3005, 0.3058



72.6188, 0.3393, 0.3460



72.6188, 0.3247, 0.3532

Sweetspot

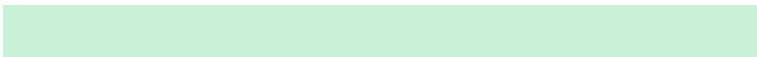
The Sweet Spot groups the original color and five complimentary colors.



72.6218, 0.2868, 0.3114



94.4571, 0.3050, 0.3240



80.2910, 0.3016, 0.3563



20.0551, 0.3039, 0.3233



0.0000, 0.0000, 0.0000



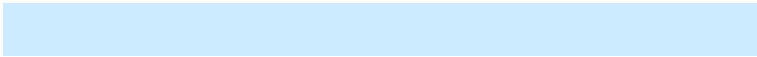
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6218, 0.2868, 0.3114



79.2690, 0.2813, 0.3074



62.7334, 0.2858, 0.2895



16.8086, 0.2980, 0.3193



14.6628, 0.1869, 0.1927



1.4138, 0.1924, 0.2125

Inverse Universe

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



65.8958, 0.3262, 0.3038



70.4232, 0.3295, 0.2984



83.0893, 0.3384, 0.3657



15.9183, 0.3199, 0.3149



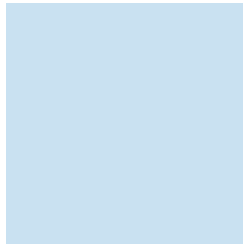
11.2736, 0.4536, 0.2273



0.9574, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 72.6188, 0.2868, 0.3114 looks on a white background.

Color Contrast Check

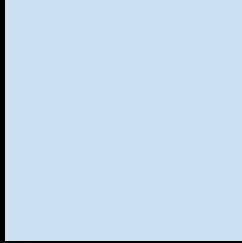
Large Text (above 18pt) WCAG AA × Fail

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 72.6188, 0.2868, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

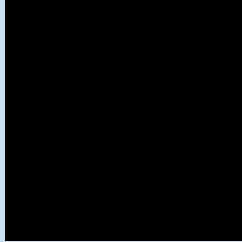
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

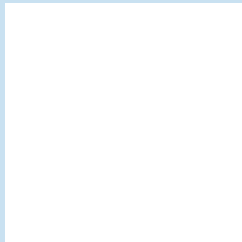
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6188, 0.2868, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 72.6188, 0.2868, 0.3114.

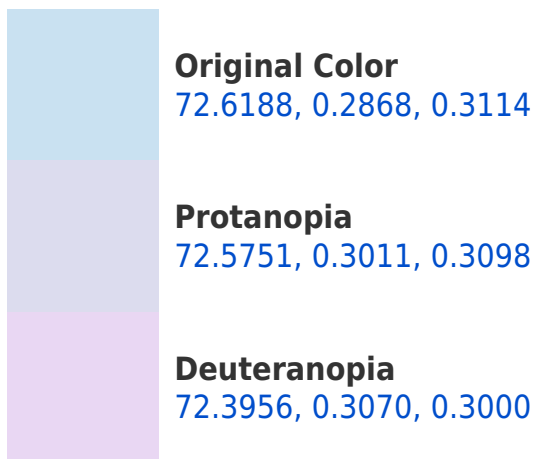


This preview shows how white text looks on a background with the Yxy color 72.6188, 0.2868, 0.3114.

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

72.7390, 0.2856, 0.3092

Trichromacy



Original Color

72.6188, 0.2868, 0.3114

Protanomaly

72.6207, 0.2957, 0.3106

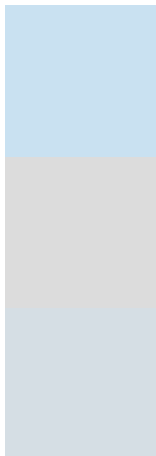
Deuteranomaly

72.4460, 0.2992, 0.3046

Tritanomaly

72.6787, 0.2862, 0.3103

Monochromacy



Original Color

72.6188, 0.2868, 0.3114

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9901, 0.3026, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6188, 0.2868, 0.3114 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(201, 225, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 225, 241) }
```

Border

The CSS property to change the border of an element to Yxy 72.6188, 0.2868, 0.3114 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, 241) }
```

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

```
.border{ border-color:rgb(201, 225, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(201, 225,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6188, 0.2868, 0.3114 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, 241) }
```

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

```
.background{ background-color: rgb(201,  
225, 241) }
```

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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