

Converting Colors

$Yxy(72.1423, 0.3004, 0.3215)$

Have a look what the booklet for
Yxy(72.1423, 0.3004, 0.3215)
contains.

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Color

Yxy(72.2814, 0.3006, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	D3DFE5
RGB	211, 223, 229
RGB Percent	83%, 87%, 90%
CMY	0.1725, 0.1255, 0.1020
CMYK	0.08, 0.03, 0.00, 0.10
HSL	200°, 26%, 86%
HSV	200°, 8%, 90%
XYZ	67.3939, 72.2814, 84.5226
YIQ	220.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

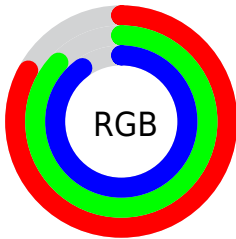
Format	Color
R _Y B	211, 218, 229
Decimal	13885413
CIE Lab	88.10, -2.86, -4.32
CIE LCh	88, 5.183, 236.450
Yxy	72.2814, 0.3006, 0.3224
Android (android.graphics.Color)	4292075493 (0xFFD3DFE5)
YUV	220.0960, 4.3897, -7.9772
Hunter-Lab	85.0185, -7.2859, 0.5687

Details

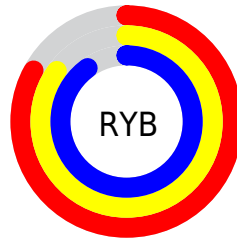
The Yxy color **72.2814, 0.3006, 0.3224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9814, 0.3256, 0.3355**, and the grayscale version is **71.6160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1292, 0.2970, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **65.1578, 0.2851, 0.3132**, and if you desaturate by 10%, it is **80.0762, 0.3160, 0.3307**.

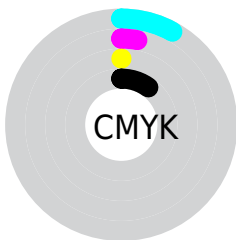
Distribution



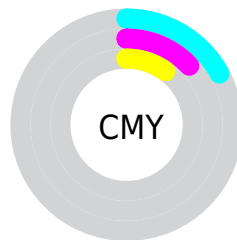
- Red (83%)
- Green (87%)
- Blue (90%)



- Red (83%)
- Yellow (85%)
- Blue (90%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2814, 0.3006, 0.3224 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 72.2814, 0.3006, 0.3224 by changing the saturation by 10% instead.

■ 72.2814, 0.3006,
0.3224

■ 72.2814, 0.3006,
0.3224

468.5205, 0.3062,
0.3255

■ 53.3886, 0.2993,
0.3217

122.4565, 0.3025,
0.3235

■ 38.1131, 0.2977,
0.3208

154.5076, 0.3033,
0.3239

■ 26.0705, 0.2957,
0.3197

191.7136, 0.3039,
0.3243

■ 16.8764, 0.2931,
0.3182

234.4588, 0.3045,
0.3246

■ 10.1464, 0.2895,
0.3161

283.1278, 0.3050,
0.3248

■ 5.4961, 0.2844,
0.3132

338.1047, 0.3055,

■ 2.5412, 0.2763,

0.3251

0.3084

399.7742, 0.3058,
0.3253

■ 0.8972, 0.2614,
0.2996

■ 0.0000, 0.0000,
0.0000

■ 72.2814, 0.3006,
0.3224

■ 72.2814, 0.3006,
0.3224

■ 65.1578, 0.2851,
0.3132

■ 80.0762, 0.3160,
0.3307

■ 58.6737, 0.2697,
0.3031

■ 88.2112, 0.3298,
0.3382

■ 52.8080, 0.2547,
0.2922

■ 92.7500, 0.3290,
0.3455

■ 47.5346, 0.2406,
0.2805

■ 97.4791, 0.3281,
0.3528

■ 42.8256, 0.2277,
0.2683

■ 98.4368, 0.3280,
0.3542

■ 38.6498, 0.2163,
0.2556

■ 34.9723, 0.2068,
0.2427

■ 31.7523, 0.1994,
0.2299

■ 28.9347, 0.1940,
0.2174

Harmonies

Analogous

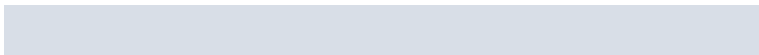
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2814, 0.3018, 0.3276



72.2814, 0.3006, 0.3224



72.2814, 0.3026, 0.3191

Triad

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



72.2814, 0.3006, 0.3224



72.2814, 0.3196, 0.3248



72.2814, 0.3181, 0.3399

Complementary

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



72.2814, 0.3006, 0.3224



70.9814, 0.3256, 0.3355

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.



72.2814, 0.3229, 0.3390



72.2814, 0.3006, 0.3224



72.2814, 0.3238, 0.3303

Square

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



72.2814, 0.3006, 0.3224



72.2814, 0.3135, 0.3205



72.2814, 0.3250, 0.3355



72.2814, 0.3118, 0.3377

Rectangle

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



72.2814, 0.3006, 0.3224



72.2814, 0.3055, 0.3183



72.2814, 0.3250, 0.3355



72.2814, 0.3199, 0.3399

Sweetspot

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



72.2844, 0.3006, 0.3224



97.9672, 0.3096, 0.3274



74.8786, 0.3082, 0.3426



20.9904, 0.3098, 0.3274



0.0000, 0.0000, 0.0000



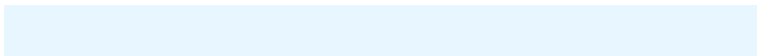
21.4041, 0.3127, 0.3290

Same Dimension

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



72.2844, 0.3006, 0.3224



91.1269, 0.2987, 0.3214



67.7519, 0.3006, 0.3127



15.4857, 0.2981, 0.3210



16.4490, 0.1935, 0.2166



1.3845, 0.1986, 0.2350

Inverse Universe

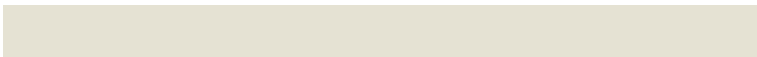
The Inverse Universe completely reimagines the original color for something new.



68.5750, 0.3177, 0.3161



85.7391, 0.3186, 0.3141



75.5874, 0.3247, 0.3448



14.5294, 0.3189, 0.3134



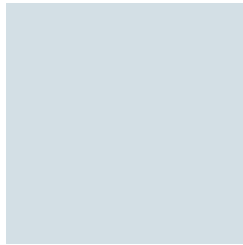
10.8582, 0.4269, 0.2125



0.8194, 0.4075, 0.2018

Previews

White Background



This preview shows how the Yxy color 72.2814, 0.3006, 0.3224 looks on a white background.

Color Contrast Check

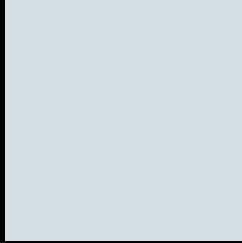
Large Text (above 18pt) WCAG AA × Fail

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 72.2814, 0.3006, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

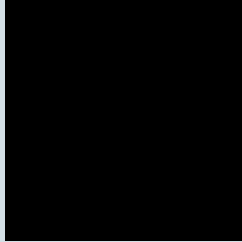
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

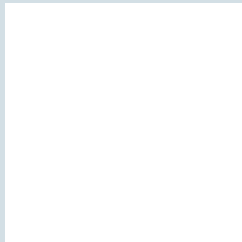
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.2814, 0.3006, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 72.2814, 0.3006, 0.3224.

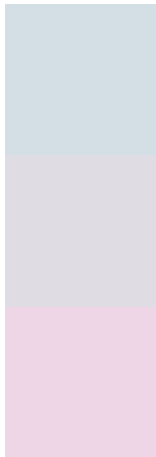


This preview shows how white text looks on a background with the Yxy color 72.2814, 0.3006, 0.3224.

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

72.2814, 0.3006, 0.3224

Protanopia

72.4204, 0.3102, 0.3215

Deuteranopia

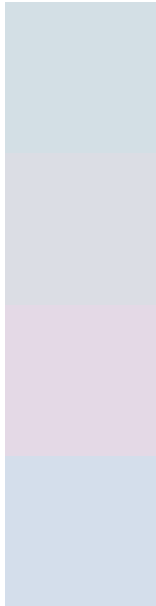
72.0398, 0.3186, 0.3113



Tritanopia

72.0910, 0.2957, 0.3095

Trichromacy



Original Color

72.2814, 0.3006, 0.3224

Protanomaly

72.3744, 0.3068, 0.3214

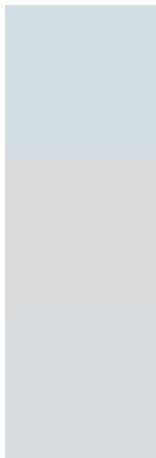
Deuteranomaly

71.8329, 0.3119, 0.3152

Tritanomaly

72.2378, 0.2975, 0.3148

Monochromacy



Original Color

72.2814, 0.3006, 0.3224

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7923, 0.3086, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2814, 0.3006, 0.3224 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(211, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 229)  
}
```

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(211, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.2814, 0.3006, 0.3224 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(211, 223, 229) }
```

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

```
.border{ border-color:rgb(211, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2814, 0.3006, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 229) }
```

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

```
.background{ background-color: rgb(211,  
223, 229) }
```

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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