

Converting Colors

$Yxy(70.2188, 0.3003, 0.3182)$

Have a look what the booklet for
Yxy(70.2188, 0.3003, 0.3182)
contains.

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Color

Yxy(70.1691, 0.3006, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	D3DBE5
RGB	211, 219, 229
RGB Percent	83%, 86%, 90%
CMY	0.1727, 0.1411, 0.1021
CMYK	0.08, 0.04, 0.00, 0.10
HSL	213°, 26%, 86%
HSV	213°, 8%, 90%
XYZ	66.3297, 70.1691, 84.1588
YIQ	217.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

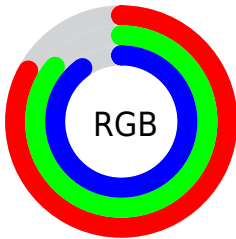
Format	Color
R _Y B	211, 217, 229
Decimal	13884389
CIE Lab	87.08, -0.81, -5.82
CIE LCh	87, 5.878, 262.082
Yxy	70.1691, 0.3006, 0.3180
Android (android.graphics.Color)	4292074469 (0xFFD3DBE5)
YUV	217.7480, 5.5472, -5.9180
Hunter-Lab	83.7670, -5.2497, -0.9304

Details

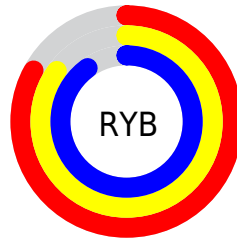
The Yxy color **70.1691, 0.3006, 0.3180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0347, 0.3252, 0.3398**, and the grayscale version is **69.8920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6748, 0.2970, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **60.6663, 0.2845, 0.3025**, and if you desaturate by 10%, it is **80.6627, 0.3159, 0.3318**.

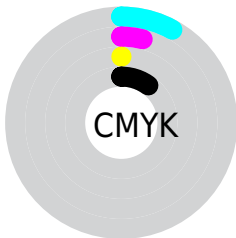
Distribution



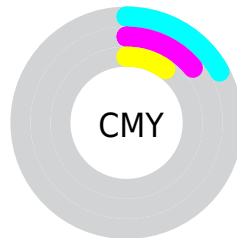
- Red (83%)
- Green (86%)
- Blue (90%)



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



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1691, 0.3006, 0.3180 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 70.1691, 0.3006, 0.3180 by changing the saturation by 10% instead.

■ 70.1691, 0.3006,
0.3180

■ 70.1691, 0.3006,
0.3180

461.1435, 0.3062,
0.3231

■ 51.6644, 0.2993,
0.3168

119.4499, 0.3026,
0.3198

■ 36.7376, 0.2977,
0.3153

150.9947, 0.3033,
0.3205

■ 25.0044, 0.2957,
0.3135

187.6551, 0.3040,
0.3211

■ 16.0804, 0.2930,
0.3110

229.8154, 0.3045,
0.3216

■ 9.5810, 0.2893,
0.3076

277.8600, 0.3050,
0.3221

■ 5.1221, 0.2840,
0.3027

332.1733, 0.3055,

■ 2.3191, 0.2755,

0.3225

0.2948

393.1397, 0.3059,
0.3228

0.7838, 0.2589,
0.2798

0.0000, 0.0000,
0.0000

70.1691, 0.3006,
0.3180

70.1691, 0.3006,
0.3180

60.6663, 0.2845,
0.3025

80.6627, 0.3159,
0.3318

52.1141, 0.2678,
0.2854

91.8309, 0.3291,
0.3441

44.4821, 0.2509,
0.2666

98.4359, 0.3280,
0.3542

37.7350, 0.2343,
0.2465

■ 31.8348, 0.2183,
0.2253

■ 26.7399, 0.2037,
0.2036

■ 22.4046, 0.1910,
0.1820

■ 18.7766, 0.1808,
0.1612

■ 15.7886, 0.1731,
0.1420

Harmonies

Analogous

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



70.1691, 0.2988, 0.3222



70.1691, 0.3006, 0.3180



70.1691, 0.3056, 0.3168

Triad

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



70.1691, 0.3006, 0.3180



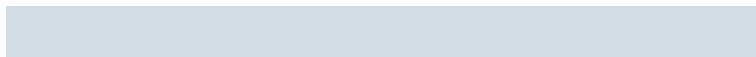
70.1691, 0.3249, 0.3295



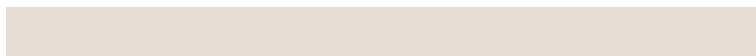
70.1691, 0.3128, 0.3396

Complementary

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



70.1691, 0.3006, 0.3180



73.0347, 0.3252, 0.3398

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.



70.1691, 0.3198, 0.3415



70.1691, 0.3006, 0.3180



70.1691, 0.3268, 0.3356

Square

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



70.1691, 0.3006, 0.3180



70.1691, 0.3196, 0.3234



70.1691, 0.3250, 0.3400



70.1691, 0.3058, 0.3347

Rectangle

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



70.1691, 0.3006, 0.3180



70.1691, 0.3101, 0.3178



70.1691, 0.3250, 0.3400



70.1691, 0.3152, 0.3406

Sweetspot

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



70.1721, 0.3006, 0.3180



97.2583, 0.3097, 0.3263



75.0847, 0.3056, 0.3379



20.8461, 0.3098, 0.3264



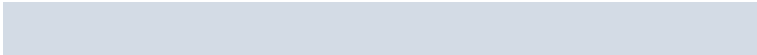
0.0000, 0.0000, 0.0000



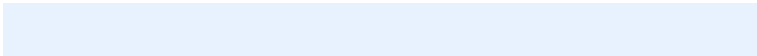
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1721, 0.3006, 0.3180



88.0681, 0.2987, 0.3162



66.2097, 0.3013, 0.3090



14.9418, 0.2981, 0.3156



8.9330, 0.1725, 0.1409



0.8432, 0.1803, 0.1690

Inverse Universe

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



68.3450, 0.3205, 0.3204



85.4303, 0.3218, 0.3190



77.2342, 0.3237, 0.3483



14.4745, 0.3223, 0.3185



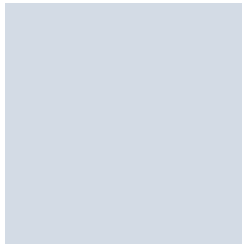
10.0995, 0.5179, 0.2627



0.7648, 0.4819, 0.2428

Previews

White Background



This preview shows how the Yxy color 70.1691, 0.3006, 0.3180 looks on a white background.

Color Contrast Check

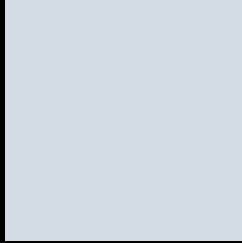
Large Text (above 18pt) WCAG AA × Fail

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 70.1691, 0.3006, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

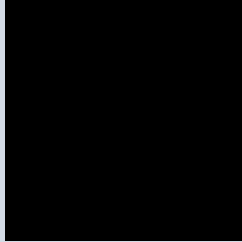
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

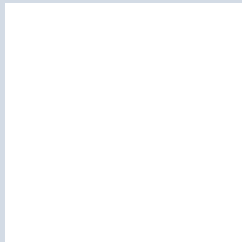
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1691, 0.3006, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 70.1691, 0.3006, 0.3180.

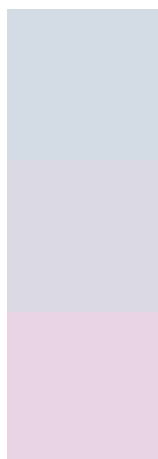


This preview shows how white text looks on a background with the Yxy color 70.1691, 0.3006, 0.3180.

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

70.1691, 0.3006, 0.3180

Protanopia

70.2872, 0.3069, 0.3170

Deuteranopia

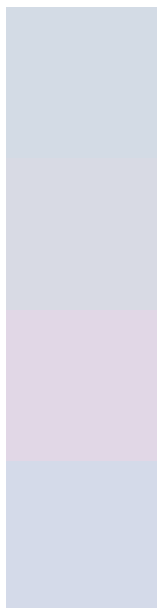
70.1238, 0.3158, 0.3100



Tritanopia

70.1380, 0.2975, 0.3104

Trichromacy



Original Color

70.1691, 0.3006, 0.3180

Protanomaly

70.3432, 0.3047, 0.3181

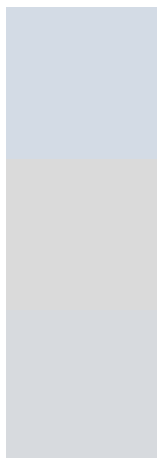
Deuteranomaly

70.3216, 0.3099, 0.3129

Tritanomaly

70.0230, 0.2988, 0.3126

Monochromacy



Original Color

70.1691, 0.3006, 0.3180

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8638, 0.3079, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1691, 0.3006, 0.3180 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, 219, 229)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 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, 219, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 229) }
```

Border

The CSS property to change the border of an element to Yxy 70.1691, 0.3006, 0.3180 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, 219, 229) }
```

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

```
.border{ border-color:rgb(211, 219, 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, 219, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1691, 0.3006, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 229) }
```

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

```
.background{ background-color: rgb(211,  
219, 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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