

Converting Colors

$Yxy(71.4055, 0.3033, 0.3198)$

Have a look what the booklet for
Yxy(71.4055, 0.3033, 0.3198)
contains.

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Color

Yxy(71.2906, 0.3034, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	D7DCE5
RGB	215, 220, 229
RGB Percent	84%, 86%, 90%
CMY	0.1568, 0.1372, 0.1021
CMYK	0.06, 0.04, 0.00, 0.10
HSL	219°, 21%, 87%
HSV	219°, 6%, 90%
XYZ	67.7618, 71.2906, 84.2891
YIQ	219.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

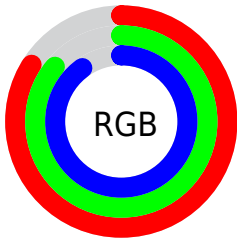
Format	Color
RYB	215, 219, 229
Decimal	14146789
CIELab	87.63, 0.00, -4.97
CIELCh	88, 4.974, 270.056
Yxy	71.2906, 0.3034, 0.3192
Android (android.graphics.Color)	4292336869 (0xFFD7DCE5)
YUV	219.5310, 4.6682, -3.9737
Hunter-Lab	84.4338, -4.5050, -0.0848

Details

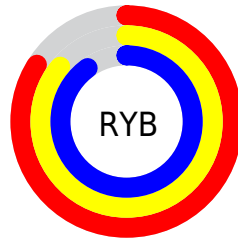
The Yxy color **71.2906, 0.3034, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8650, 0.3221, 0.3386**, and the grayscale version is **71.1995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4398, 0.3005, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **60.6742, 0.2872, 0.3015**, and if you desaturate by 10%, it is **83.0789, 0.3185, 0.3349**.

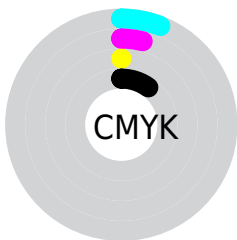
Distribution



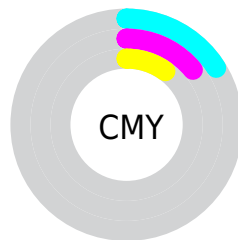
- Red (84%)
- Green (86%)
- Blue (90%)



- Red (84%)
- Yellow (86%)
- Blue (90%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2906, 0.3034, 0.3192 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 71.2906, 0.3034, 0.3192 by changing the saturation by 10% instead.

■ 71.2906, 0.3034,
0.3192

■ 71.2906, 0.3034,
0.3192

465.0687, 0.3077,
0.3238

■ 52.5794, 0.3024,
0.3182

121.0474, 0.3049,
0.3208

■ 37.4671, 0.3012,
0.3169

152.8618, 0.3055,
0.3214

■ 25.5694, 0.2996,
0.3152

189.8127, 0.3060,
0.3219

■ 16.5017, 0.2976,
0.3131

232.2845, 0.3064,
0.3224

■ 9.8799, 0.2948,
0.3101

280.6616, 0.3068,
0.3228

■ 5.3194, 0.2907,
0.3058

335.3284, 0.3072,

■ 2.4359, 0.2842,

0.3232

0.2990

396.6693, 0.3075,
0.3235

0.8442, 0.2724,
0.2865

0.0000, 0.0000,
0.0000

71.2906, 0.3034,
0.3192

71.2906, 0.3034,
0.3192

60.6742, 0.2872,
0.3015

83.0789, 0.3185,
0.3349

51.1831, 0.2702,
0.2818

94.9450, 0.3286,
0.3490

42.7807, 0.2526,
0.2601

98.4350, 0.3280,
0.3542

35.4250, 0.2348,
0.2367

■ 29.0708, 0.2174,
0.2122

■ 23.6693, 0.2013,
0.1872

■ 19.1670, 0.1871,
0.1626

■ 15.5034, 0.1756,
0.1396

■ 12.6077, 0.1671,
0.1190

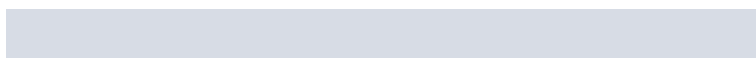
Harmonies

Analogous

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



71.2906, 0.3011, 0.3221



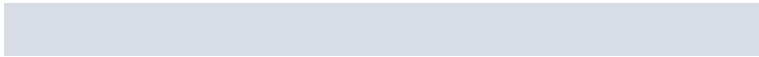
71.2906, 0.3034, 0.3192



71.2906, 0.3082, 0.3189

Triad

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



71.2906, 0.3034, 0.3192



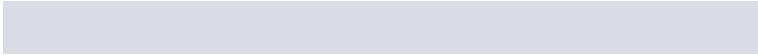
71.2906, 0.3237, 0.3309



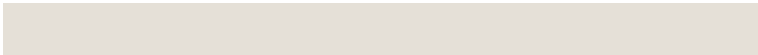
71.2906, 0.3111, 0.3370

Complementary

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



71.2906, 0.3034, 0.3192



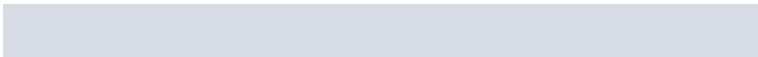
74.8650, 0.3221, 0.3386

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.



71.2906, 0.3172, 0.3394



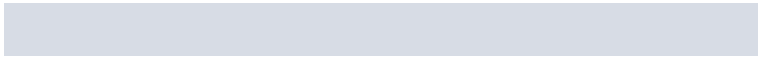
71.2906, 0.3034, 0.3192



71.2906, 0.3245, 0.3358

Square

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



71.2906, 0.3034, 0.3192



71.2906, 0.3199, 0.3256



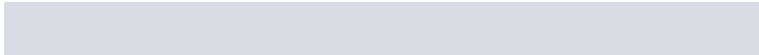
71.2906, 0.3221, 0.3389



71.2906, 0.3055, 0.3324

Rectangle

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



71.2906, 0.3034, 0.3192



71.2906, 0.3122, 0.3202



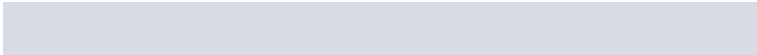
71.2906, 0.3221, 0.3389



71.2906, 0.3132, 0.3381

Sweetspot

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



71.2936, 0.3034, 0.3192



96.9707, 0.3097, 0.3258



75.8430, 0.3064, 0.3345



20.7875, 0.3098, 0.3260



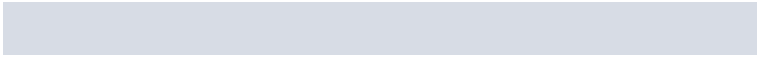
0.0000, 0.0000, 0.0000



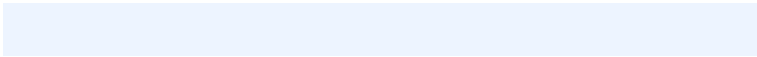
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2936, 0.3034, 0.3192



89.6638, 0.3019, 0.3176



69.0047, 0.3048, 0.3138



15.1745, 0.3011, 0.3167



6.8685, 0.1652, 0.1146



0.6782, 0.1733, 0.1438

Inverse Universe

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



70.4345, 0.3195, 0.3237



88.4179, 0.3207, 0.3228



77.2734, 0.3204, 0.3439



14.9484, 0.3213, 0.3224



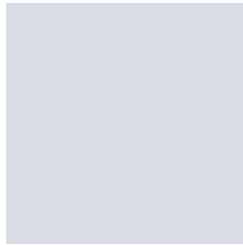
9.8911, 0.5544, 0.2828



0.7481, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 71.2906, 0.3034, 0.3192 looks on a white background.

Color Contrast Check

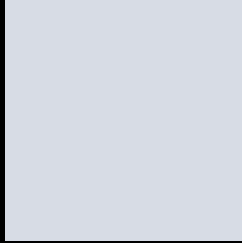
Large Text (above 18pt) WCAG AA × Fail

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 71.2906, 0.3034, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

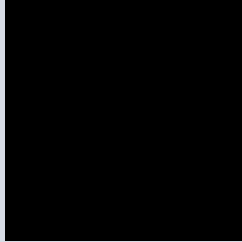
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

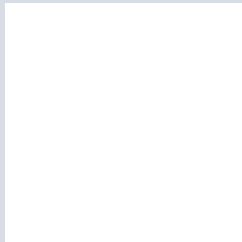
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2906, 0.3034, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 71.2906, 0.3034, 0.3192.

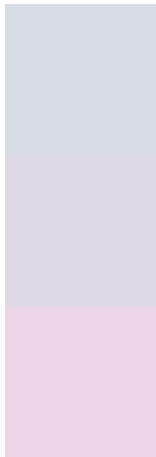


This preview shows how white text looks on a background with the Yxy color 71.2906, 0.3034, 0.3192.

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

71.2906, 0.3034, 0.3192

Protanopia

71.1164, 0.3082, 0.3182

Deuteranopia

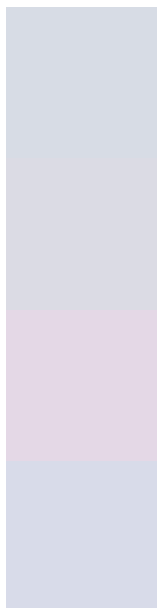
71.1345, 0.3179, 0.3112



Tritanopia

71.3181, 0.2996, 0.3106

Trichromacy



Original Color

71.2906, 0.3034, 0.3192

Protanomaly

71.3245, 0.3068, 0.3192

Deuteranomaly

71.3189, 0.3120, 0.3141

Tritanomaly

71.1452, 0.3015, 0.3138

Monochromacy



Original Color

71.2906, 0.3034, 0.3192

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4195, 0.3093, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2906, 0.3034, 0.3192 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(215, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(215, 220, 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(215, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 220, 229) }
```

Border

The CSS property to change the border of an element to Yxy 71.2906, 0.3034, 0.3192 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(215, 220, 229) }
```

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

```
.border{ border-color:rgb(215, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(215, 220,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2906, 0.3034, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 220, 229) }
```

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

```
.background{ background-color: rgb(215,  
220, 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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