

Converting Colors

$Yxy(70.4943, 0.3009, 0.3214)$

Have a look what the booklet for
Yxy(70.4943, 0.3009, 0.3214)
contains.

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Color

Yxy(70.4341, 0.3012, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	D2DCE3
RGB	210, 220, 227
RGB Percent	82%, 86%, 89%
CMY	0.1763, 0.1373, 0.1097
CMYK	0.07, 0.03, 0.00, 0.11
HSL	205°, 23%, 86%
HSV	205°, 7%, 89%
XYZ	66.0484, 70.4341, 82.8017
YIQ	217.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

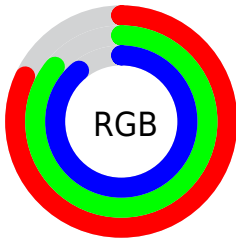
Format	Color
R _Y B	210, 216, 227
Decimal	13819107
CIE Lab	87.21, -2.00, -4.61
CIE LCh	87, 5.020, 246.571
Yxy	70.4341, 0.3012, 0.3212
Android (android.graphics.Color)	4292009187 (0xFFD2DCE3)
YUV	217.8080, 4.5317, -6.8476
Hunter-Lab	83.9250, -6.3905, 0.2511

Details

The Yxy color **70.4341, 0.3012, 0.3212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6559, 0.3248, 0.3367**, and the grayscale version is **69.9513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8574, 0.2977, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **62.5389, 0.2855, 0.3098**, and if you desaturate by 10%, it is **79.0856, 0.3165, 0.3315**.

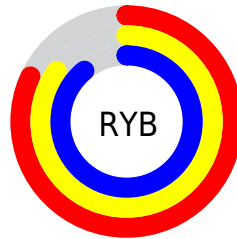
Distribution



Red (82%)

Green (86%)

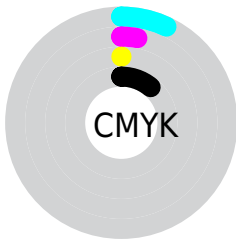
Blue (89%)



Red (82%)

Yellow (85%)

Blue (89%)

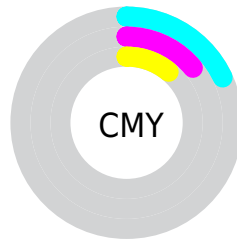


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (18%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4341, 0.3012, 0.3212 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 70.4341, 0.3012, 0.3212 by changing the saturation by 10% instead.

■ 70.4341, 0.3012,
0.3212

■ 70.4341, 0.3012,
0.3212

462.0727, 0.3066,
0.3249

■ 51.8805, 0.3000,
0.3204

119.8276, 0.3031,
0.3225

■ 36.9098, 0.2985,
0.3193

151.4363, 0.3038,
0.3230

■ 25.1377, 0.2965,
0.3180

188.1655, 0.3044,
0.3234

■ 16.1797, 0.2940,
0.3162

230.3996, 0.3049,
0.3238

■ 9.6514, 0.2905,
0.3138

278.5230, 0.3054,
0.3241

■ 5.1684, 0.2855,
0.3102

332.9200, 0.3058,

■ 2.3464, 0.2774,

0.3244

393.9751, 0.3062,
0.3246

0.3045

0.7981, 0.2612,
0.2937

0.0000, 0.0000,
0.0000

70.4341, 0.3012,
0.3212

70.4341, 0.3012,
0.3212

62.5389, 0.2855,
0.3098

79.0856, 0.3165,
0.3315

55.3669, 0.2696,
0.2971

88.4220, 0.3310,
0.3407

48.8950, 0.2540,
0.2834

94.0661, 0.3299,
0.3497

43.0959, 0.2389,
0.2687

98.3273, 0.3291,
0.3562

■ 37.9394, 0.2248,
0.2532

■ 33.3929, 0.2122,
0.2371

■ 29.4198, 0.2014,
0.2209

■ 25.9778, 0.1927,
0.2048

■ 23.0118, 0.1863,
0.1892

Harmonies

Analogous

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



70.4341, 0.3013, 0.3258



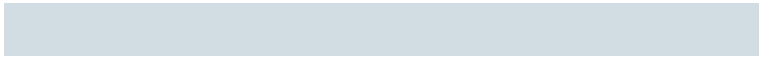
70.4341, 0.3012, 0.3212



70.4341, 0.3042, 0.3188

Triad

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



70.4341, 0.3012, 0.3212



70.4341, 0.3211, 0.3267



70.4341, 0.3160, 0.3392

Complementary

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



70.4341, 0.3012, 0.3212



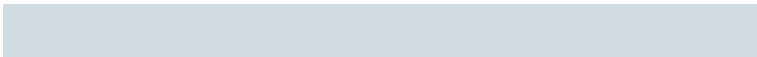
70.6559, 0.3248, 0.3367

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.



70.4341, 0.3213, 0.3394



70.4341, 0.3012, 0.3212



70.4341, 0.3243, 0.3321

Square

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



70.4341, 0.3012, 0.3212



70.4341, 0.3156, 0.3219



70.4341, 0.3244, 0.3367



70.4341, 0.3098, 0.3363

Rectangle

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



70.4341, 0.3012, 0.3212



70.4341, 0.3075, 0.3186



70.4341, 0.3244, 0.3367



70.4341, 0.3179, 0.3396

Sweetspot

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



70.4371, 0.3012, 0.3212



97.7050, 0.3096, 0.3270



73.6598, 0.3075, 0.3403



20.9370, 0.3098, 0.3271



0.0000, 0.0000, 0.0000



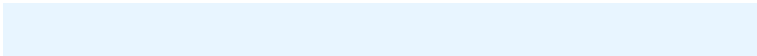
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4371, 0.3012, 0.3212



89.9880, 0.2987, 0.3195



66.2150, 0.3012, 0.3120



15.2831, 0.2981, 0.3190



13.2484, 0.1855, 0.1877



1.1612, 0.1918, 0.2104

Inverse Universe

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



67.6175, 0.3185, 0.3182



85.6241, 0.3198, 0.3159



75.0158, 0.3239, 0.3455



14.5089, 0.3201, 0.3153



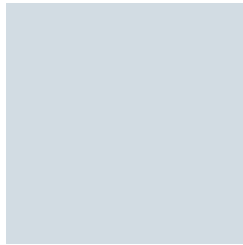
10.5352, 0.4595, 0.2305



0.7969, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 70.4341, 0.3012, 0.3212 looks on a white background.

Color Contrast Check

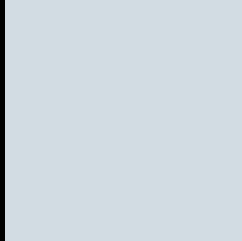
Large Text (above 18pt) WCAG AA × Fail

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 70.4341, 0.3012, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

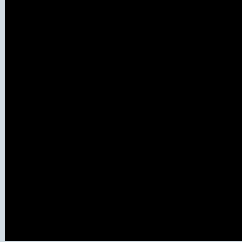
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

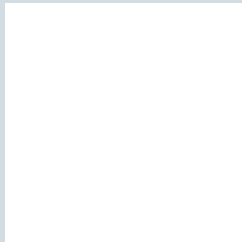
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4341, 0.3012, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 70.4341, 0.3012, 0.3212.

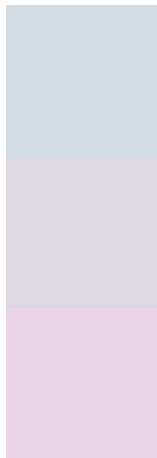


This preview shows how white text looks on a background with the Yxy color 70.4341, 0.3012, 0.3212.

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

70.4341, 0.3012, 0.3212

Protanopia

70.2776, 0.3095, 0.3203

Deuteranopia

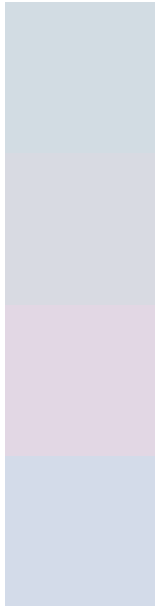
70.4063, 0.3180, 0.3111



Tritanopia

70.7162, 0.2969, 0.3105

Trichromacy



Original Color

70.4341, 0.3012, 0.3212

Protanomaly

70.2327, 0.3060, 0.3202

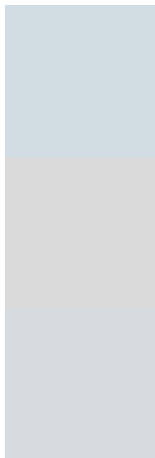
Deuteranomaly

70.3711, 0.3119, 0.3151

Tritanomaly

70.3951, 0.2981, 0.3136

Monochromacy



Original Color

70.4341, 0.3012, 0.3212

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3306, 0.3086, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4341, 0.3012, 0.3212 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(210, 220, 227) looks like.

```
.text, #text, p{  
    color:rgb(210, 220, 227)  
}
```

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(210, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 220, 227) }
```

Border

The CSS property to change the border of an element to Yxy 70.4341, 0.3012, 0.3212 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(210, 220, 227) }
```

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

```
.border{ border-color:rgb(210, 220, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 220, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 220,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4341, 0.3012, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 220, 227) }
```

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

```
.background{ background-color: rgb(210,  
220, 227) }
```

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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