

Converting Colors

$Yxy(71.0344, 0.2993, 0.3239)$

Have a look what the booklet for
Yxy(71.0344, 0.2993, 0.3239)
contains.

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Color

Yxy(71.0540, 0.2991, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	CFDEE3
RGB	207, 222, 227
RGB Percent	81%, 87%, 89%
CMY	0.1883, 0.1294, 0.1097
CMYK	0.09, 0.02, 0.00, 0.11
HSL	195°, 26%, 85%
HSV	195°, 9%, 89%
XYZ	65.7151, 71.0540, 82.9403
YIQ	218.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

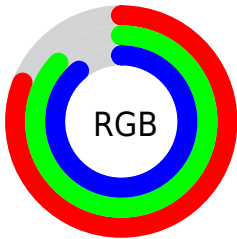
Format	Color
R_{YB}	207, 216, 227
Decimal	13623011
CIE Lab	87.51, -4.04, -4.19
CIE LCh	88, 5.821, 226.001
Yxy	71.0540, 0.2991, 0.3234
Android (android.graphics.Color)	4291813091 (0xFFCFDEE3)
YUV	218.0850, 4.3951, -9.7215
Hunter-Lab	84.2935, -8.3555, 0.6673

Details

The Yxy color **71.0540, 0.2991, 0.3234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9187, 0.3275, 0.3345**, and the grayscale version is **70.1470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3883, 0.2960, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **65.0543, 0.2838, 0.3165**, and if you desaturate by 10%, it is **77.6313, 0.3145, 0.3297**.

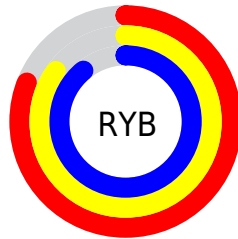
Distribution



Red (81%)

Green (87%)

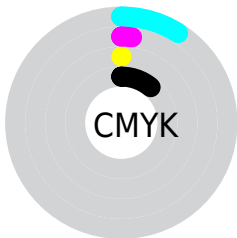
Blue (89%)



Red (81%)

Yellow (85%)

Blue (89%)

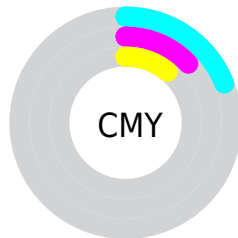


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (11%)



Cyan (19%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0540, 0.2991, 0.3234 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 71.0540, 0.2991, 0.3234 by changing the saturation by 10% instead.

■ 71.0540, 0.2991,
0.3234

■ 71.0540, 0.2991,
0.3234

464.2422, 0.3054,
0.3260

■ 52.3863, 0.2977,
0.3228

120.7106, 0.3013,
0.3243

■ 37.3131, 0.2959,
0.3220

152.4683, 0.3021,
0.3247

■ 25.4500, 0.2936,
0.3210

189.3580, 0.3029,
0.3250

■ 16.4126, 0.2906,
0.3197

231.7643, 0.3035,
0.3253

■ 9.8166, 0.2866,
0.3179

280.0715, 0.3041,
0.3255

■ 5.2775, 0.2807,
0.3153

334.6639, 0.3046,

■ 2.4110, 0.2714,

0.3257

0.3109

395.9260, 0.3050,
0.3259

0.8315, 0.2524,
0.3034

0.0000, 0.0000,
0.0000

71.0540, 0.2991,
0.3234

71.0540, 0.2991,
0.3234

65.0543, 0.2838,
0.3165

77.6313, 0.3145,
0.3297

59.6023, 0.2689,
0.3089

84.7971, 0.3298,
0.3354

54.6785, 0.2548,
0.3008

88.5635, 0.3310,
0.3409

50.2589, 0.2417,
0.2921

91.9403, 0.3303,
0.3464

■ 46.3171, 0.2301,
0.2831

■ 95.4225, 0.3297,
0.3518

■ 42.8239, 0.2201,
0.2738

■ 98.3274, 0.3291,
0.3562

■ 39.7461, 0.2121,
0.2644

■ 37.0449, 0.2060,
0.2551

■ 34.6613, 0.2018,
0.2458

Harmonies

Analogous

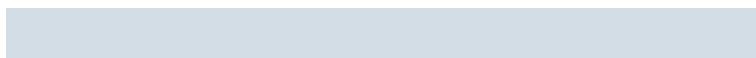
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0540, 0.3017, 0.3296



71.0540, 0.2991, 0.3234



71.0540, 0.3001, 0.3188

Triad

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



71.0540, 0.2991, 0.3234



71.0540, 0.3182, 0.3224



71.0540, 0.3209, 0.3413

Complementary

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



71.0540, 0.2991, 0.3234



67.9187, 0.3275, 0.3345

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.



71.0540, 0.3255, 0.3392



71.0540, 0.2991, 0.3234



71.0540, 0.3239, 0.3283

Square

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



71.0540, 0.2991, 0.3234



71.0540, 0.3111, 0.3183



71.0540, 0.3265, 0.3344



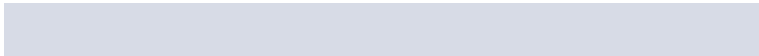
71.0540, 0.3142, 0.3401

Rectangle

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



71.0540, 0.2991, 0.3234



71.0540, 0.3027, 0.3172



71.0540, 0.3265, 0.3344



71.0540, 0.3228, 0.3410

Sweetspot

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



71.0570, 0.2991, 0.3234



97.3635, 0.3081, 0.3271



72.9654, 0.3085, 0.3458



20.6915, 0.3068, 0.3266



0.0000, 0.0000, 0.0000



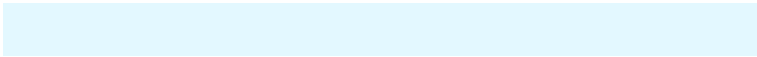
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0570, 0.2991, 0.3234



90.6693, 0.2957, 0.3219



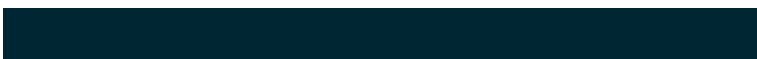
65.8889, 0.2991, 0.3121



15.6940, 0.2981, 0.3230



20.2485, 0.2017, 0.2462



1.6412, 0.2055, 0.2597

Inverse Universe

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



66.2220, 0.3172, 0.3127



82.9473, 0.3185, 0.3085



73.0869, 0.3264, 0.3453



14.5504, 0.3176, 0.3115



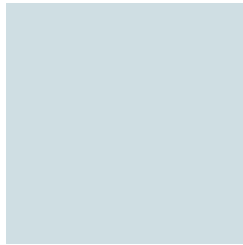
11.2418, 0.3961, 0.1956



0.8454, 0.3827, 0.1882

Previews

White Background



This preview shows how the Yxy color 71.0540, 0.2991, 0.3234 looks on a white background.

Color Contrast Check

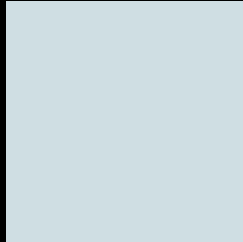
Large Text (above 18pt) WCAG AA × Fail

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 71.0540, 0.2991, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

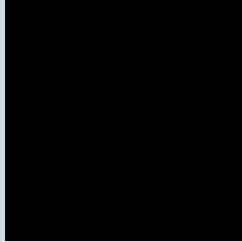
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

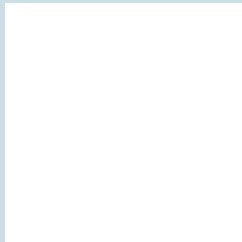
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0540, 0.2991, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 71.0540, 0.2991, 0.3234.

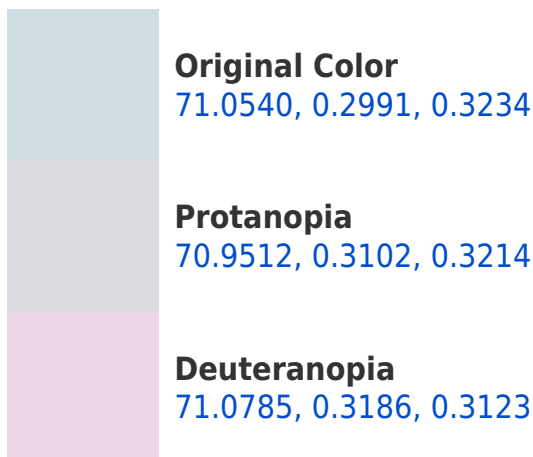


This preview shows how white text looks on a background with the Yxy color 71.0540, 0.2991, 0.3234.

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

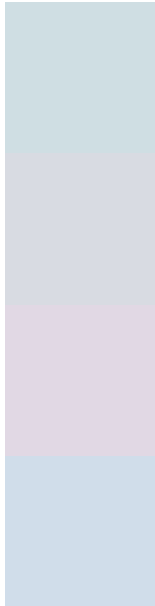




Tritanopia

70.9148, 0.2936, 0.3093

Trichromacy



Original Color

71.0540, 0.2991, 0.3234

Protanomaly

70.7530, 0.3060, 0.3213

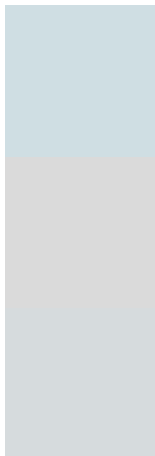
Deuteranomaly

70.7207, 0.3112, 0.3161

Tritanomaly

71.0633, 0.2955, 0.3147

Monochromacy



Original Color

71.0540, 0.2991, 0.3234

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1796, 0.3078, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0540, 0.2991, 0.3234 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(207, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(207, 222, 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(207, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 222, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.0540, 0.2991, 0.3234 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(207, 222, 227) }
```

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

```
.border{ border-color:rgb(207, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 222,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0540, 0.2991, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 222, 227) }
```

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

```
.background{ background-color: rgb(207,  
222, 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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