

Converting Colors

$Yxy(70.3673, 0.3043, 0.3260)$

Have a look what the booklet for
Yxy(70.3673, 0.3043, 0.3260)
contains.

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Color

Yxy(70.3630, 0.3044, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCDF
RGB	211, 220, 223
RGB Percent	83%, 86%, 87%
CMY	0.1728, 0.1372, 0.1256
CMYK	0.05, 0.01, 0.00, 0.13
HSL	195°, 16%, 85%
HSV	195°, 5%, 87%
XYZ	65.7614, 70.3630, 79.9118
YIQ	217.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

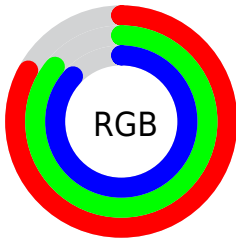
Format	Color
R _Y B	211, 216, 223
Decimal	13884639
CIE Lab	87.17, -2.49, -2.52
CIE LCh	87, 3.540, 225.325
Yxy	70.3630, 0.3044, 0.3257
Android (android.graphics.Color)	4292074719 (0xFFD3DCDF)
YUV	217.6510, 2.6371, -5.8329
Hunter-Lab	83.8827, -6.8561, 2.2345

Details

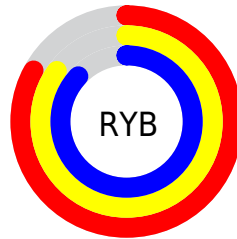
The Yxy color **70.3630, 0.3044, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4263, 0.3214, 0.3323**, and the grayscale version is **69.8383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8053, 0.3019, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **64.4718, 0.2891, 0.3191**, and if you desaturate by 10%, it is **76.8111, 0.3198, 0.3317**.

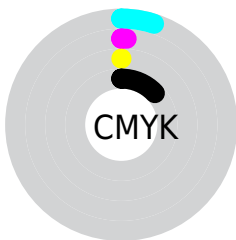
Distribution



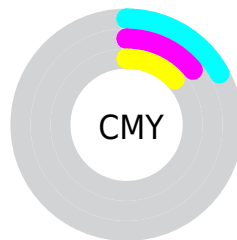
- Red (83%)
- Green (86%)
- Blue (87%)



- Red (83%)
- Yellow (85%)
- Blue (87%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3630, 0.3044, 0.3257 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 70.3630, 0.3044, 0.3257 by changing the saturation by 10% instead.

■ 70.3630, 0.3044,
0.3257

■ 70.3630, 0.3044,
0.3257

461.8235, 0.3083,
0.3273

■ 51.8225, 0.3035,
0.3253

119.7263, 0.3057,
0.3262

■ 36.8636, 0.3024,
0.3249

151.3179, 0.3063,
0.3265

■ 25.1019, 0.3010,
0.3243

188.0286, 0.3067,
0.3266

■ 16.1530, 0.2992,
0.3235

230.2429, 0.3071,
0.3268

■ 9.6325, 0.2966,
0.3225

278.3452, 0.3075,
0.3269

■ 5.1560, 0.2930,
0.3209

332.7197, 0.3078,

■ 2.3391, 0.2871,

0.3271

0.3184

393.7511, 0.3080,
0.3272

0.7943, 0.2742,
0.3138

0.0000, 0.0000,
0.0000

70.3630, 0.3044,
0.3257

70.3630, 0.3044,
0.3257

64.4718, 0.2891,
0.3191

76.8111, 0.3198,
0.3317

59.1088, 0.2740,
0.3119

83.7234, 0.3346,
0.3370

54.2563, 0.2597,
0.3041

86.8356, 0.3339,
0.3424

49.8917, 0.2462,
0.2958

90.0446, 0.3332,
0.3477

■ 45.9908, 0.2341,
0.2871

■ 93.3510, 0.3325,
0.3530

■ 42.5266, 0.2236,
0.2781

■ 96.7559, 0.3318,
0.3582

■ 39.4689, 0.2150,
0.2689

■ 98.1066, 0.3316,
0.3602

■ 36.7828, 0.2083,
0.2597

■ 34.4255, 0.2036,
0.2506

Harmonies

Analogous

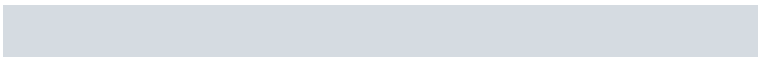
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3630, 0.3060, 0.3295



70.3630, 0.3044, 0.3257



70.3630, 0.3050, 0.3228

Triad

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



70.3630, 0.3044, 0.3257



70.3630, 0.3160, 0.3249



70.3630, 0.3178, 0.3365

Complementary

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



70.3630, 0.3044, 0.3257



68.4263, 0.3214, 0.3323

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.



70.3630, 0.3205, 0.3352



70.3630, 0.3044, 0.3257



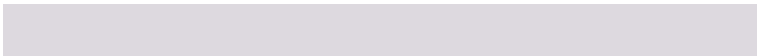
70.3630, 0.3195, 0.3285

Square

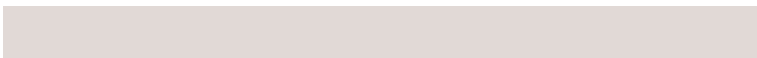
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3630, 0.3044, 0.3257



70.3630, 0.3117, 0.3224



70.3630, 0.3211, 0.3323



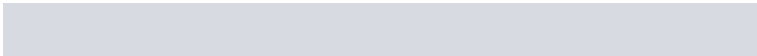
70.3630, 0.3138, 0.3358

Rectangle

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



70.3630, 0.3044, 0.3257



70.3630, 0.3065, 0.3218



70.3630, 0.3211, 0.3323



70.3630, 0.3189, 0.3363

Sweetspot

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



70.3660, 0.3044, 0.3257



98.2492, 0.3096, 0.3278



71.4470, 0.3103, 0.3393



21.0478, 0.3098, 0.3279



0.0000, 0.0000, 0.0000



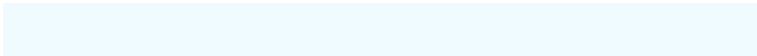
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3660, 0.3044, 0.3257



94.8394, 0.3034, 0.3253



67.3371, 0.3045, 0.3191



15.3487, 0.3025, 0.3249



19.8396, 0.2022, 0.2478



1.5127, 0.2061, 0.2618

Inverse Universe

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



67.4131, 0.3154, 0.3191



90.3841, 0.3157, 0.3179



71.4504, 0.3209, 0.3387



14.5600, 0.3160, 0.3168



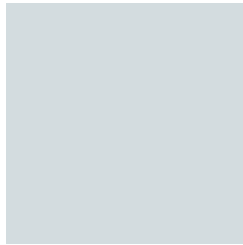
10.9109, 0.3944, 0.1946



0.7702, 0.3806, 0.1871

Previews

White Background



This preview shows how the Yxy color 70.3630, 0.3044, 0.3257 looks on a white background.

Color Contrast Check

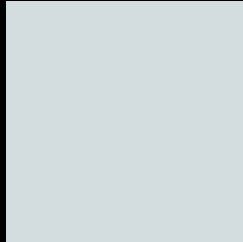
Large Text (above 18pt) WCAG AA × Fail

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 70.3630, 0.3044, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

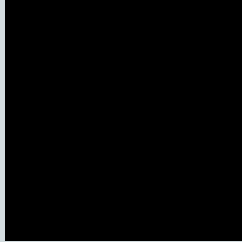
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

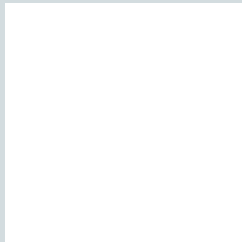
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3630, 0.3044, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 70.3630, 0.3044, 0.3257.

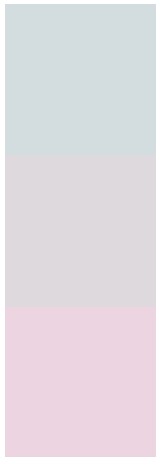


This preview shows how white text looks on a background with the Yxy color 70.3630, 0.3044, 0.3257.

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

70.3630, 0.3044, 0.3257

Protanopia

70.2183, 0.3129, 0.3246

Deuteranopia

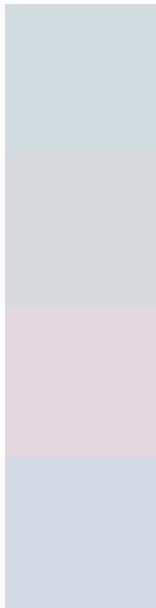
70.3561, 0.3215, 0.3153



Tritanopia

70.2871, 0.2982, 0.3105

Trichromacy



Original Color

70.3630, 0.3044, 0.3257

Protanomaly

70.1684, 0.3094, 0.3246

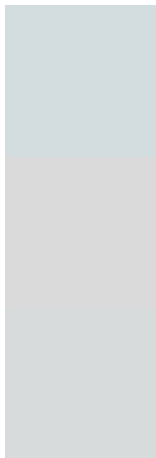
Deuteranomaly

70.3136, 0.3153, 0.3193

Tritanomaly

70.4296, 0.3000, 0.3158

Monochromacy



Original Color

70.3630, 0.3044, 0.3257

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2774, 0.3092, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3630, 0.3044, 0.3257 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, 220, 223)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 223)  
}
```

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, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.3630, 0.3044, 0.3257 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, 220, 223) }
```

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

```
.border{ border-color:rgb(211, 220, 223) }
```

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

Here you see how a box with a 4 pixel rgb(211, 220, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 223);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3630, 0.3044, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 223) }
```

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

```
.background{ background-color: rgb(211,  
220, 223) }
```

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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