

Converting Colors

$Yxy(71.2560, 0.3028, 0.3265)$

Have a look what the booklet for
Yxy(71.2560, 0.3028, 0.3265)
contains.

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Color

Yxy(71.3260, 0.3031, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D2DEE0
RGB	210, 222, 224
RGB Percent	82%, 87%, 88%
CMY	0.1764, 0.1294, 0.1217
CMYK	0.06, 0.01, 0.00, 0.12
HSL	188°, 18%, 85%
HSV	188°, 6%, 88%
XYZ	66.1533, 71.3260, 80.7765
YIQ	218.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

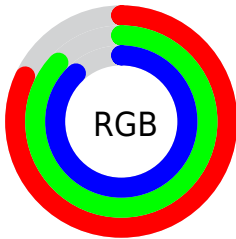
Format	Color
R _Y B	210, 216, 224
Decimal	13819616
CIE Lab	87.64, -3.63, -2.36
CIE LCh	88, 4.330, 212.991
Yxy	71.3260, 0.3031, 0.3268
Android (android.graphics.Color)	4292009696 (0xFFD2DEE0)
YUV	218.6400, 2.6425, -7.5773
Hunter-Lab	84.4547, -7.9768, 2.4106

Details

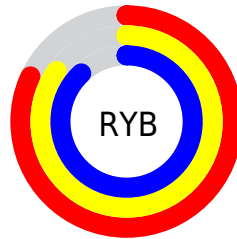
The Yxy color **71.3260, 0.3031, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5715, 0.3230, 0.3312**, and the grayscale version is **70.5635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5699, 0.3011, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **66.6108, 0.2880, 0.3230**, and if you desaturate by 10%, it is **76.5385, 0.3186, 0.3303**.

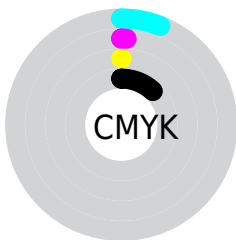
Distribution



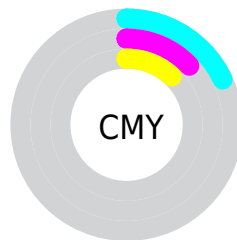
- Red (82%)
- Green (87%)
- Blue (88%)



- Red (82%)
- Yellow (85%)
- Blue (88%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3260, 0.3031, 0.3268 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 71.3260, 0.3031, 0.3268 by changing the saturation by 10% instead.

■ 71.3260, 0.3031,
0.3268

■ 71.3260, 0.3031,
0.3268

465.1922, 0.3076,
0.3278

■ 52.6083, 0.3021,
0.3266

121.0978, 0.3047,
0.3272

■ 37.4902, 0.3008,
0.3262

152.9207, 0.3053,
0.3273

■ 25.5872, 0.2992,
0.3259

189.8807, 0.3058,
0.3274

■ 16.5151, 0.2971,
0.3253

232.3623, 0.3062,
0.3275

■ 9.8894, 0.2942,
0.3246

280.7499, 0.3066,
0.3276

■ 5.3257, 0.2900,
0.3235

335.4278, 0.3070,

■ 2.4396, 0.2834,

0.3277

0.3218

396.7804, 0.3073,
0.3278

0.8461, 0.2697,
0.3189

0.0000, 0.0000,
0.0000

71.3260, 0.3031,
0.3268

71.3260, 0.3031,
0.3268

66.6108, 0.2880,
0.3230

76.5385, 0.3186,
0.3303

62.3648, 0.2735,
0.3189

82.2574, 0.3342,
0.3334

58.5703, 0.2600,
0.3145

84.0451, 0.3339,
0.3365

55.2055, 0.2478,
0.3098

85.8283, 0.3335,
0.3396

■ 52.2461, 0.2371,
0.3050

■ 87.6435, 0.3331,
0.3427

■ 49.6657, 0.2282,
0.3000

■ 89.4908, 0.3327,
0.3457

■ 47.4341, 0.2213,
0.2950

■ 91.3702, 0.3323,
0.3488

■ 45.5162, 0.2162,
0.2900

■ 93.2821, 0.3319,
0.3518

■ 43.8684, 0.2130,
0.2851

■ 95.2265, 0.3315,
0.3548

Harmonies

Analogous

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



71.3260, 0.3061, 0.3316



71.3260, 0.3031, 0.3268



71.3260, 0.3027, 0.3227

Triad

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



71.3260, 0.3031, 0.3268



71.3260, 0.3146, 0.3225



71.3260, 0.3205, 0.3378

Complementary

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



71.3260, 0.3031, 0.3268



67.5715, 0.3230, 0.3312

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.



71.3260, 0.3229, 0.3352



71.3260, 0.3031, 0.3268



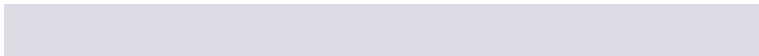
71.3260, 0.3194, 0.3265

Square

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



71.3260, 0.3031, 0.3268



71.3260, 0.3093, 0.3203



71.3260, 0.3224, 0.3311



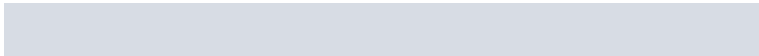
71.3260, 0.3161, 0.3379

Rectangle

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



71.3260, 0.3031, 0.3268



71.3260, 0.3039, 0.3209



71.3260, 0.3224, 0.3311



71.3260, 0.3216, 0.3372

Sweetspot

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



71.3290, 0.3031, 0.3268



98.5889, 0.3096, 0.3283



71.7443, 0.3108, 0.3425



21.1169, 0.3097, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

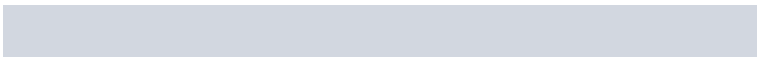
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3290, 0.3031, 0.3268



95.1795, 0.3018, 0.3265



67.7516, 0.3032, 0.3191



15.4265, 0.3011, 0.3263



25.3337, 0.2122, 0.2840



1.8475, 0.2143, 0.2916

Inverse Universe

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



67.2172, 0.3148, 0.3160



88.9747, 0.3151, 0.3142



71.0812, 0.3224, 0.3387



14.3493, 0.3152, 0.3131



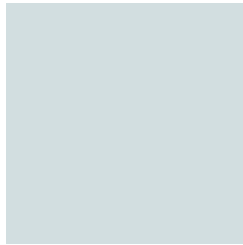
11.4655, 0.3598, 0.1756



0.8040, 0.3529, 0.1718

Previews

White Background



This preview shows how the Yxy color 71.3260, 0.3031, 0.3268 looks on a white background.

Color Contrast Check

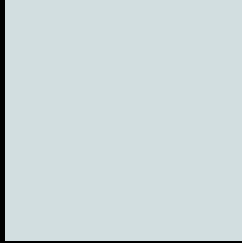
Large Text (above 18pt) WCAG AA × Fail

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 71.3260, 0.3031, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

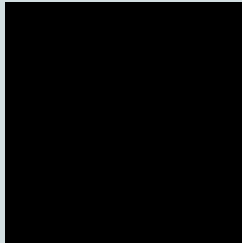
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

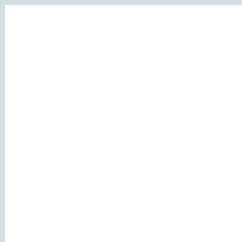
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3260, 0.3031, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 71.3260, 0.3031, 0.3268.



This preview shows how white text looks on a background with the Yxy color 71.3260, 0.3031, 0.3268.

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

71.3260, 0.3031, 0.3268

Protanopia

71.1047, 0.3136, 0.3247

Deuteranopia

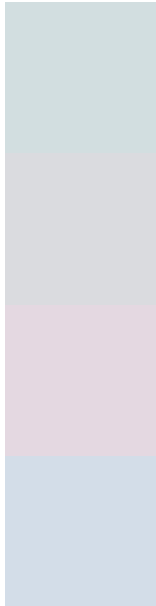
71.2566, 0.3222, 0.3154



Tritanopia

71.2979, 0.2963, 0.3105

Trichromacy



Original Color

71.3260, 0.3031, 0.3268

Protanomaly

70.8962, 0.3094, 0.3246

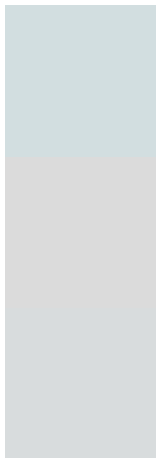
Deuteranomaly

71.0420, 0.3153, 0.3194

Tritanomaly

71.3880, 0.2987, 0.3169

Monochromacy



Original Color

71.3260, 0.3031, 0.3268

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0058, 0.3092, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3260, 0.3031, 0.3268 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, 222, 224) looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 224)  
}
```

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, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.3260, 0.3031, 0.3268 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, 222, 224) }
```

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

```
.border{ border-color:rgb(210, 222, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3260, 0.3031, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 224) }
```

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

```
.background{ background-color: rgb(210,  
222, 224) }
```

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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