

Converting Colors

$Yxy(71.0187, 0.2975, 0.3257)$

Have a look what the booklet for
Yxy(71.0187, 0.2975, 0.3257)
contains.

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Color

Yxy(71.1037, 0.2977, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CCDFE2
RGB	204, 223, 226
RGB Percent	80%, 87%, 89%
CMY	0.2001, 0.1254, 0.1136
CMYK	0.10, 0.01, 0.00, 0.11
HSL	188°, 28%, 84%
HSV	188°, 10%, 89%
XYZ	65.0110, 71.1037, 82.2628
YIQ	217.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

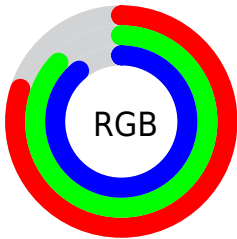
Format	Color
R_{YB}	204, 214, 226
Decimal	13426658
CIE Lab	87.54, -5.73, -3.65
CIE LCh	88, 6.794, 212.466
Yxy	71.1037, 0.2977, 0.3256
Android (android.graphics.Color)	4291616738 (0xFFCCDFE2)
YUV	217.6610, 4.1111, -11.9807
Hunter-Lab	84.3230, -9.9462, 1.1847

Details

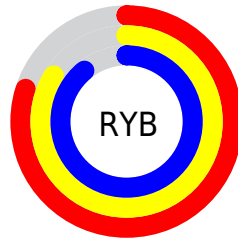
The Yxy color **71.1037, 0.2977, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1404, 0.3295, 0.3324**, and the grayscale version is **69.8413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4296, 0.2942, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **66.5105, 0.2828, 0.3218**, and if you desaturate by 10%, it is **76.1962, 0.3131, 0.3291**.

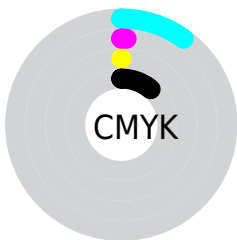
Distribution



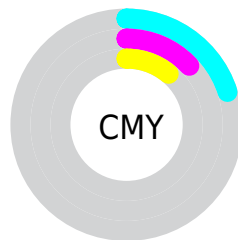
- Red (80%)
- Green (87%)
- Blue (89%)



- Red (80%)
- Yellow (84%)
- Blue (89%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1037, 0.2977, 0.3256 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 71.1037, 0.2977, 0.3256 by changing the saturation by 10% instead.

■ 71.1037, 0.2977,
0.3256

■ 71.1037, 0.2977,
0.3256

464.4159, 0.3047,
0.3272

■ 52.4268, 0.2961,
0.3252

120.7814, 0.3001,
0.3262

■ 37.3454, 0.2941,
0.3247

152.5510, 0.3011,
0.3264

■ 25.4750, 0.2916,
0.3241

189.4536, 0.3019,
0.3266

■ 16.4313, 0.2884,
0.3233

231.8736, 0.3026,
0.3268

■ 9.8299, 0.2839,
0.3221

280.1955, 0.3032,
0.3269

■ 5.2863, 0.2774,
0.3204

334.8035, 0.3037,

■ 2.4162, 0.2672,

0.3270

0.3175

396.0822, 0.3042,
0.3271

0.8342, 0.2451,
0.3131

0.0000, 0.0000,
0.0000

71.1037, 0.2977,
0.3256

71.1037, 0.2977,
0.3256

66.5105, 0.2828,
0.3218

76.1962, 0.3131,
0.3291

62.3877, 0.2687,
0.3177

81.7980, 0.3287,
0.3322

58.7167, 0.2556,
0.3133

84.6095, 0.3324,
0.3352

55.4744, 0.2439,
0.3088

86.3617, 0.3321,
0.3383

■ 52.6353, 0.2339,
0.3040

■ 88.1446, 0.3317,
0.3413

■ 50.1711, 0.2258,
0.2992

■ 89.9581, 0.3313,
0.3443

■ 48.0495, 0.2195,
0.2944

■ 91.8025, 0.3310,
0.3472

■ 46.2321, 0.2152,
0.2895

■ 93.6780, 0.3306,
0.3502

■ 44.6542, 0.2125,
0.2848

■ 95.5846, 0.3302,
0.3531

Harmonies

Analogous

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



71.1037, 0.3024, 0.3331



71.1037, 0.2977, 0.3256



71.1037, 0.2970, 0.3191

Triad

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



71.1037, 0.2977, 0.3256



71.1037, 0.3154, 0.3188



71.1037, 0.3251, 0.3427

Complementary

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



71.1037, 0.2977, 0.3256



65.1404, 0.3295, 0.3324

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.



71.1037, 0.3287, 0.3386



71.1037, 0.2977, 0.3256



71.1037, 0.3231, 0.3249

Square

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



71.1037, 0.2977, 0.3256



71.1037, 0.3071, 0.3153



71.1037, 0.3280, 0.3321



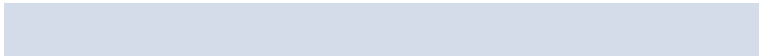
71.1037, 0.3182, 0.3431

Rectangle

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



71.1037, 0.2977, 0.3256



71.1037, 0.2988, 0.3163



71.1037, 0.3280, 0.3321



71.1037, 0.3267, 0.3417

Sweetspot

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



71.1067, 0.2977, 0.3256



97.9143, 0.3080, 0.3280



71.7360, 0.3097, 0.3507



20.8406, 0.3068, 0.3277



0.0000, 0.0000, 0.0000



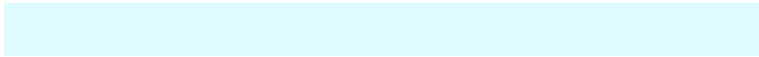
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1067, 0.2977, 0.3256



92.0189, 0.2942, 0.3247



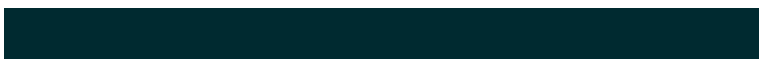
65.4362, 0.2976, 0.3132



15.2370, 0.2982, 0.3257



25.5783, 0.2126, 0.2854



1.8622, 0.2147, 0.2928

Inverse Universe

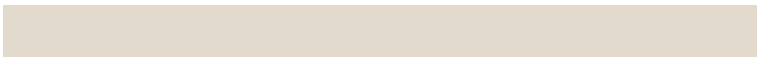
The Inverse Universe completely reimagines the original color for something new.



64.6683, 0.3160, 0.3083



81.7408, 0.3168, 0.3033



70.6375, 0.3282, 0.3443



13.9018, 0.3159, 0.3090



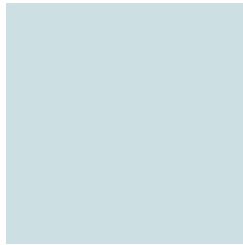
11.4902, 0.3585, 0.1748



0.8054, 0.3518, 0.1712

Previews

White Background



This preview shows how the Yxy color 71.1037, 0.2977, 0.3256 looks on a white background.

Color Contrast Check

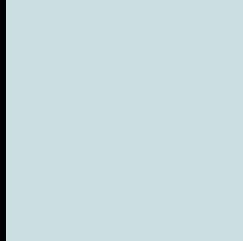
Large Text (above 18pt) WCAG AA × Fail

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 71.1037, 0.2977, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

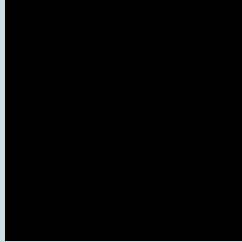
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

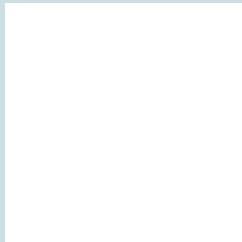
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1037, 0.2977, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 71.1037, 0.2977, 0.3256.

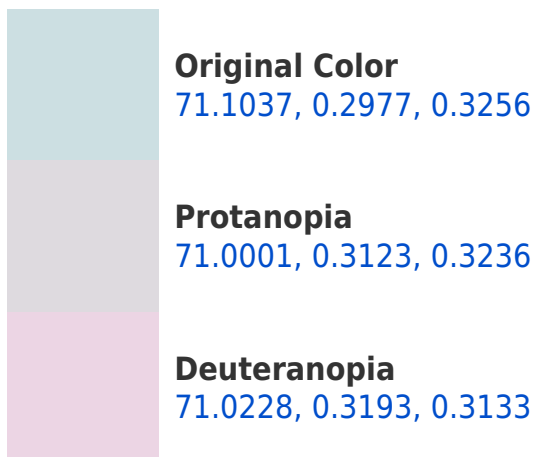


This preview shows how white text looks on a background with the Yxy color 71.1037, 0.2977, 0.3256.

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

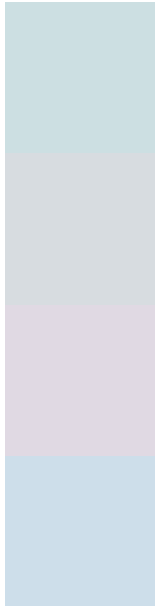




Tritanopia

71.0667, 0.2911, 0.3092

Trichromacy



Original Color

71.1037, 0.2977, 0.3256

Protanomaly

71.0153, 0.3066, 0.3246

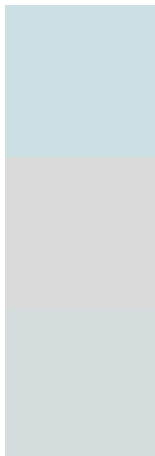
Deuteranomaly

71.0191, 0.3111, 0.3182

Tritanomaly

71.1622, 0.2935, 0.3157

Monochromacy



Original Color

71.1037, 0.2977, 0.3256

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5530, 0.3071, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1037, 0.2977, 0.3256 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(204, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(204, 223, 226)  
}
```

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(204, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 223, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.1037, 0.2977, 0.3256 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(204, 223, 226) }
```

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

```
.border{ border-color:rgb(204, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 223,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1037, 0.2977, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 223, 226) }
```

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

```
.background{ background-color: rgb(204,  
223, 226) }
```

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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