

Converting Colors

$Yxy(70.0630, 0.2940, 0.3270)$

Have a look what the booklet for
Yxy(70.0630, 0.2940, 0.3270)
contains.

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Color

Yxy(70.0819, 0.2937, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	C5DFE1
RGB	197, 223, 225
RGB Percent	77%, 87%, 88%
CMY	0.2274, 0.1255, 0.1177
CMYK	0.12, 0.01, 0.00, 0.12
HSL	184°, 32%, 83%
HSV	184°, 12%, 88%
XYZ	63.0029, 70.0819, 81.4297
YIQ	215.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

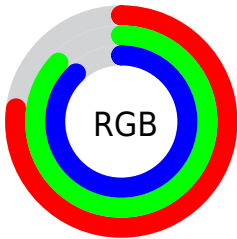
Format	Color
RYB	197, 210, 225
Decimal	12967905
CIELab	87.04, -8.17, -3.89
CIELCh	87, 9.046, 205.464
Yxy	70.0819, 0.2937, 0.3267
Android (android.graphics.Color)	4291157985 (0xFFC5DFE1)
YUV	215.4540, 4.7062, -16.1842
Hunter-Lab	83.7149, -12.1640, 0.9289

Details

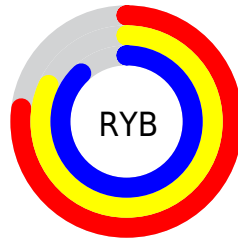
The Yxy color `70.0819, 0.2937, 0.3267` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.8763, 0.3349, 0.3313`, and the grayscale version is `68.2559, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.8108, 0.3121, 0.3290`, and `36.7472, 0.2890, 0.3259` is the 20% darker color. If you saturate the color by 10%, you get `66.4239, 0.2792, 0.3247`, and if you desaturate by 10%, it is `74.2070, 0.3089, 0.3286`.

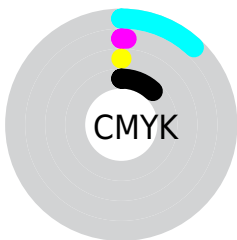
Distribution



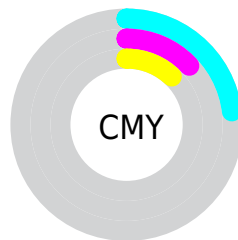
- Red (77%)
- Green (87%)
- Blue (88%)



- Red (77%)
- Yellow (82%)
- Blue (88%)



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



- Cyan (23%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.0819, 0.2937, 0.3267 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 70.0819, 0.2937, 0.3267 by changing the saturation by 10% instead.

■ 70.0819, 0.2937,
0.3267

■ 70.0819, 0.2937,
0.3267

460.8375, 0.3025,
0.3278

■ 51.5933, 0.2917,
0.3264

119.3255, 0.2968,
0.3271

■ 36.6810, 0.2892,
0.3261

150.8494, 0.2980,
0.3273

■ 24.9606, 0.2860,
0.3256

187.4871, 0.2990,
0.3274

■ 16.0477, 0.2818,
0.3250

229.6231, 0.2999,
0.3275

■ 9.5579, 0.2762,
0.3240

277.6417, 0.3007,
0.3276

■ 5.1068, 0.2679,
0.3226

331.9274, 0.3013,

■ 2.3101, 0.2549,

0.3277

0.3201

392.8645, 0.3020,
0.3278

0.7790, 0.2210,
0.3181

0.0000, 0.0000,
0.0000

70.0819, 0.2937,
0.3267

70.0819, 0.2937,
0.3267

66.4239, 0.2792,
0.3247

74.2070, 0.3089,
0.3286

63.2042, 0.2658,
0.3225

78.8092, 0.3246,
0.3303


60.4043, 0.2537,
0.3203

82.0627, 0.3337,
0.3318

58.0006, 0.2432,
0.3179


82.9417, 0.3335,
0.3334

 55.9677, 0.2345,
0.3155


 83.8288, 0.3333,
0.3350


 54.2765, 0.2277,
0.3130

 84.7240, 0.3331,
0.3366

 52.8941, 0.2229,
0.3106

 85.6274, 0.3329,
0.3381

 51.7805, 0.2199,
0.3082

 86.5389, 0.3327,
0.3397

 51.0678, 0.2185,
0.3065

 87.4585, 0.3325,
0.3413

Harmonies

Analogous

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



70.0819, 0.3010, 0.3368



70.0819, 0.2937, 0.3267



70.0819, 0.2914, 0.3175

Triad

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



70.0819, 0.2937, 0.3267



70.0819, 0.3137, 0.3140



70.0819, 0.3309, 0.3465

Complementary

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



70.0819, 0.2937, 0.3267



60.8763, 0.3349, 0.3313

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.



70.0819, 0.3345, 0.3400



70.0819, 0.2937, 0.3267



70.0819, 0.3244, 0.3214

Square

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



70.0819, 0.2937, 0.3267



70.0819, 0.3028, 0.3104



70.0819, 0.3321, 0.3308



70.0819, 0.3224, 0.3483

Rectangle

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



70.0819, 0.2937, 0.3267



70.0819, 0.2931, 0.3131



70.0819, 0.3321, 0.3308



70.0819, 0.3327, 0.3447

Sweetspot

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



70.0848, 0.2937, 0.3267



97.6568, 0.3065, 0.3283



69.8312, 0.3100, 0.3593



20.8107, 0.3053, 0.3281



0.0000, 0.0000, 0.0000



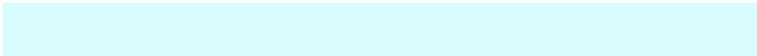
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0848, 0.2937, 0.3267



91.7385, 0.2898, 0.3262



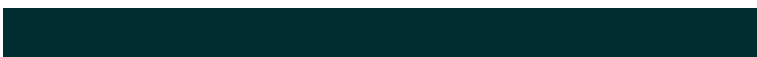
62.9709, 0.2933, 0.3107



15.3975, 0.2982, 0.3273



29.5042, 0.2186, 0.3068



2.0955, 0.2196, 0.3105

Inverse Universe

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



61.2676, 0.3156, 0.3005



77.8038, 0.3163, 0.2943



67.5551, 0.3329, 0.3466



13.9180, 0.3149, 0.3075



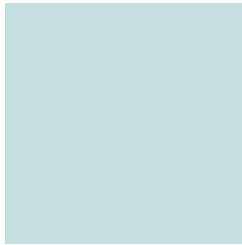
11.8865, 0.3394, 0.1644



0.8290, 0.3363, 0.1626

Previews

White Background



This preview shows how the Yxy color 70.0819, 0.2937, 0.3267 looks on a white background.

Color Contrast Check

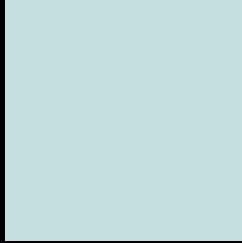
Large Text (above 18pt) WCAG AA × Fail

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 70.0819, 0.2937, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

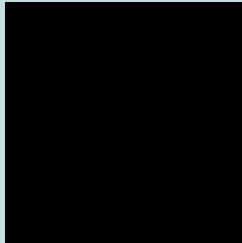
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

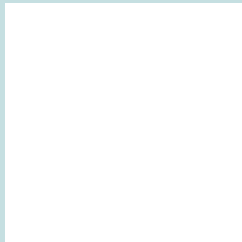
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0819, 0.2937, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 70.0819, 0.2937, 0.3267.

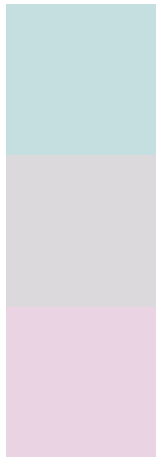


This preview shows how white text looks on a background with the Yxy color 70.0819, 0.2937, 0.3267.

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

70.0819, 0.2937, 0.3267

Protanopia

70.0618, 0.3122, 0.3246

Deuteranopia

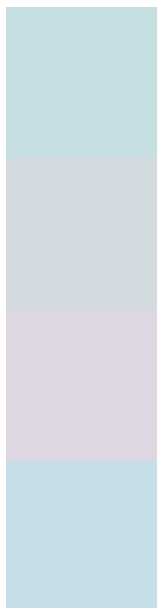
69.6270, 0.3187, 0.3121



Tritanopia

70.0281, 0.2871, 0.3101

Trichromacy



Original Color

70.0819, 0.2937, 0.3267

Protanomaly

69.9340, 0.3058, 0.3257

Deuteranomaly

69.4640, 0.3097, 0.3171

Tritanomaly

70.1315, 0.2895, 0.3166

Monochromacy



Original Color

70.0819, 0.2937, 0.3267

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.6672, 0.3050, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0819, 0.2937, 0.3267 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(197, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 225)  
}
```

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(197, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 225) }
```

Border

The CSS property to change the border of an element to Yxy 70.0819, 0.2937, 0.3267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

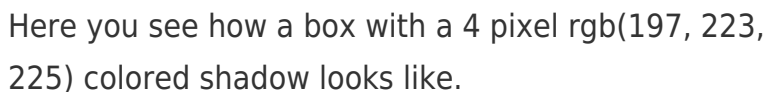
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 223, 225) }
```

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

```
.border{ border-color:rgb(197, 223, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 223, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 223, 225); box-shadow:4px 4px 4px 4px rgb(197, 223, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0819, 0.2937, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 225) }
```

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

```
.background{ background-color: rgb(197,  
223, 225) }
```

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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