

Converting Colors

$Yxy(71.0150, 0.2943, 0.3402)$

Have a look what the booklet for
Yxy(71.0150, 0.2943, 0.3402)
contains.

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Color

Yxy(71.0243, 0.2947, 0.3405)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BFE3D9 |
| RGB | 191, 227, 217 |
| RGB Percent | 75%, 89%, 85% |
| CMY | 0.2511, 0.1097, 0.1491 |
| CMYK | 0.16, 0.00, 0.04, 0.11 |
| HSL | 163°, 39%, 82% |
| HSV | 163°, 16%, 89% |
| XYZ | 61.4710, 71.0243, 76.0930 |
| YIQ | 215.0960, -18.2460, -10.7420 |

Conversions

Conversions Part 2

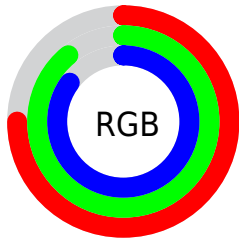
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 191, 212, 227 |
| Decimal | 12575705 |
| CIELab | 87.50, -13.71, 0.96 |
| CIElCh | 87, 13.746, 175.999 |
| Yxy | 71.0243, 0.2947, 0.3405 |
| Android (android.graphics.Color) | 4290765785 (0xFFBFE3D9) |
| YUV | 215.0960, 0.9387, -21.1322 |
| Hunter-Lab | 84.2759, -17.2847, 5.4600 |

Details

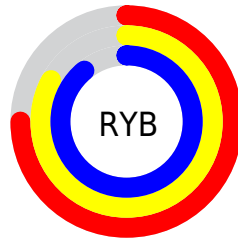
The Yxy color **71.0243, 0.2947, 0.3405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8018, 0.3346, 0.3178**, and the grayscale version is **68.0237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **37.4320, 0.2904, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **67.9861, 0.2841, 0.3487**, and if you desaturate by 10%, it is **74.5372, 0.3059, 0.3330**.

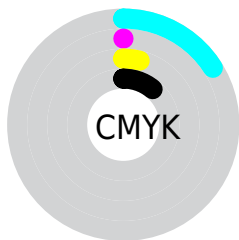
Distribution



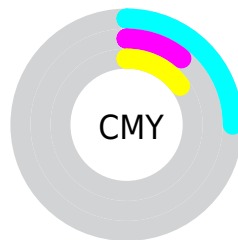
- Red (75%)
- Green (89%)
- Blue (85%)



- Red (75%)
- Yellow (83%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0243, 0.2947, 0.3405 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 71.0243, 0.2947, 0.3405 by changing the saturation by 10% instead.

71.0243, 0.2947,
0.3405

71.0243, 0.2947,
0.3405

464.1384, 0.3031,
0.3351

52.3620, 0.2928,
0.3417

120.6683, 0.2976,
0.3386

37.2937, 0.2904,
0.3433

152.4189, 0.2988,
0.3379

25.4350, 0.2873,
0.3452

189.3010, 0.2997,
0.3373

16.4014, 0.2833,
0.3478

231.6990, 0.3006,
0.3367

9.8087, 0.2779,
0.3514

279.9973, 0.3013,
0.3363

5.2723, 0.2699,
0.3566

334.5804, 0.3020,

2.4079, 0.2571,

0.3358

395.8326, 0.3026,
0.3355

0.3650

0.8299, 0.2141,
0.3914

0.0000, 0.0000,
0.0000

71.0243, 0.2947,
0.3405

71.0243, 0.2947,
0.3405

67.9861, 0.2841,
0.3487

74.5372, 0.3059,
0.3330

65.3926, 0.2744,
0.3576

78.5356, 0.3175,
0.3263

63.2241, 0.2660,
0.3671

82.2593, 0.3264,
0.3202

61.4557, 0.2591,
0.3771

82.6335, 0.3222,
0.3141

■ 60.0602, 0.2539,
0.3874

■ 83.0209, 0.3181,
0.3080

■ 59.0066, 0.2507,
0.3980

■ 83.4216, 0.3140,
0.3020

■ 58.2588, 0.2496,
0.4086

■ 83.4260, 0.3140,
0.3019

■ 57.7725, 0.2503,
0.4191

■ 57.6170, 0.2509,
0.4234

Harmonies

Analogous

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



71.0243, 0.3104, 0.3529



71.0243, 0.2947, 0.3405



71.0243, 0.2840, 0.3250

Triad

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



71.0243, 0.2947, 0.3405



71.0243, 0.2980, 0.3012



71.0243, 0.3457, 0.3456

Complementary

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



71.0243, 0.2947, 0.3405



57.8018, 0.3346, 0.3178

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.



71.0243, 0.3423, 0.3318



71.0243, 0.2947, 0.3405



71.0243, 0.3144, 0.3067

Square

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



71.0243, 0.2947, 0.3405



71.0243, 0.2858, 0.3027



71.0243, 0.3307, 0.3177



71.0243, 0.3400, 0.3555

Rectangle

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



71.0243, 0.2947, 0.3405



71.0243, 0.2809, 0.3154



71.0243, 0.3307, 0.3177



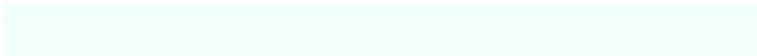
71.0243, 0.3456, 0.3412

Sweetspot

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



71.0273, 0.2947, 0.3405



97.4347, 0.3069, 0.3324



71.1498, 0.3178, 0.3707



20.7807, 0.3061, 0.3329



0.0000, 0.0000, 0.0000



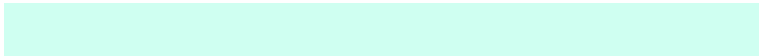
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0273, 0.2947, 0.3405



91.1012, 0.2912, 0.3431



67.3904, 0.2884, 0.3200



16.2643, 0.3018, 0.3356



33.6185, 0.2505, 0.4218



2.4999, 0.2463, 0.4065

Inverse Universe

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



57.8018, 0.3346, 0.3178



70.8381, 0.3400, 0.3154



60.8410, 0.3413, 0.3379



14.4337, 0.3249, 0.3225



9.7524, 0.5830, 0.2985



0.7361, 0.5413, 0.2756

Previews

White Background



This preview shows how the Yxy color 71.0243, 0.2947, 0.3405 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 71.0243, 0.2947, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

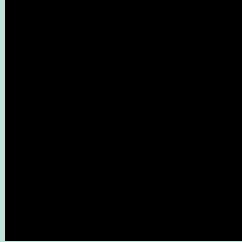
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

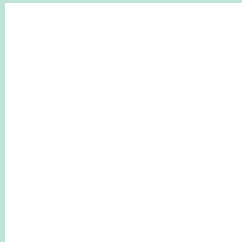
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0243, 0.2947, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 71.0243, 0.2947, 0.3405.

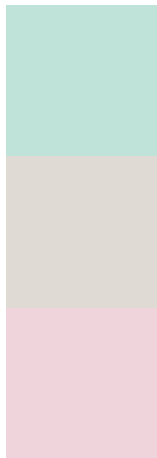


This preview shows how white text looks on a background with the Yxy color 71.0243, 0.2947, 0.3405.

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

71.0243, 0.2947, 0.3405

Protanopia

70.7436, 0.3211, 0.3356

Deuteranopia

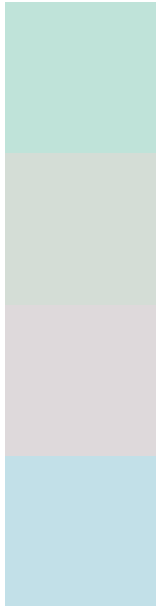
70.6050, 0.3272, 0.3206



Tritanopia

70.7283, 0.2829, 0.3089

Trichromacy



Original Color

71.0243, 0.2947, 0.3405

Protanomaly

70.5650, 0.3109, 0.3368

Deuteranomaly

70.2698, 0.3150, 0.3268

Tritanomaly

70.6068, 0.2876, 0.3199

Monochromacy



Original Color

71.0243, 0.2947, 0.3405

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7427, 0.3055, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0243, 0.2947, 0.3405 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(191, 227, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 217)  
}
```

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(191, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 217) }
```

Border

The CSS property to change the border of an element to Yxy 71.0243, 0.2947, 0.3405 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(191, 227, 217) }
```

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

```
.border{ border-color:rgb(191, 227, 217) }
```

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

Here you see how a box with a 4 pixel rgb(191, 227, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0243, 0.2947, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 217) }
```

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

```
.background{ background-color: rgb(191,  
227, 217) }
```

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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