

Converting Colors

$Yxy(70.2012, 0.2982, 0.3489)$

Have a look what the booklet for
Yxy(70.2012, 0.2982, 0.3489)
contains.

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Color

Yxy(70.3604, 0.2982, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	BDE3D1
RGB	189, 227, 209
RGB Percent	74%, 89%, 82%
CMY	0.2589, 0.1098, 0.1803
CMYK	0.17, 0.00, 0.08, 0.11
HSL	152°, 40%, 82%
HSV	152°, 17%, 89%
XYZ	59.9642, 70.3604, 70.7626
YIQ	213.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

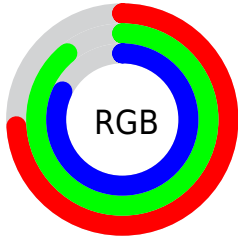
Format	Color
RYB	189, 214, 227
Decimal	12444625
CIELab	87.17, -15.88, 4.65
CIELCh	87, 16.546, 163.690
Yxy	70.3604, 0.2982, 0.3499
Android (android.graphics.Color)	4290634705 (0xFFBDE3D1)
YUV	213.5860, -2.2609, -21.5619
Hunter-Lab	83.8811, -19.1874, 8.6994

Details

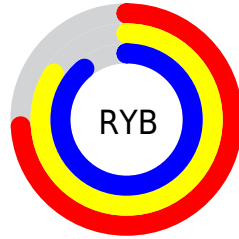
The Yxy color **70.3604, 0.2982, 0.3499** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2239, 0.3301, 0.3090**, and the grayscale version is **66.9776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **37.0225, 0.2942, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **67.1703, 0.2900, 0.3642**, and if you desaturate by 10%, it is **74.0466, 0.3068, 0.3370**.

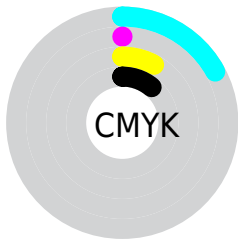
Distribution



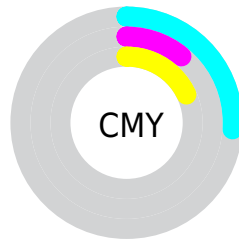
- Red (74%)
- Green (89%)
- Blue (82%)



- Red (74%)
- Yellow (84%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3604, 0.2982, 0.3499 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 70.3604, 0.2982, 0.3499 by changing the saturation by 10% instead.

70.3604, 0.2982,
0.3499

70.3604, 0.2982,
0.3499

461.8144, 0.3050,
0.3400

51.8204, 0.2966,
0.3522

119.7226, 0.3006,
0.3464

36.8619, 0.2946,
0.3551

151.3135, 0.3015,
0.3451

25.1006, 0.2921,
0.3588

188.0236, 0.3023,
0.3439

16.1520, 0.2887,
0.3638

230.2372, 0.3030,
0.3429

9.6318, 0.2840,
0.3707

278.3386, 0.3036,
0.3421

5.1555, 0.2771,
0.3810

332.7124, 0.3041,

2.3388, 0.2658,

0.3413

0.3981

393.7429, 0.3046,
0.3406

0.7941, 0.2158,
0.4668

0.0000, 0.0000,
0.0000

70.3604, 0.2982,
0.3499

70.3604, 0.2982,
0.3499

67.1703, 0.2900,
0.3642

74.0466, 0.3068,
0.3370

64.4456, 0.2826,
0.3799

78.2403, 0.3156,
0.3254

62.1658, 0.2761,
0.3968

82.5656, 0.3229,
0.3151

60.3053, 0.2711,
0.4147

83.2267, 0.3159,
0.3048

■ 58.8360, 0.2677,
0.4332

■ 83.4212, 0.3140,
0.3019

■ 57.7257, 0.2663,
0.4519

■ 56.9374, 0.2669,
0.4703

■ 56.4236, 0.2694,
0.4880

■ 56.2899, 0.2704,
0.4936

Harmonies

Analogous

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



70.3604, 0.3182, 0.3620



70.3604, 0.2982, 0.3499



70.3604, 0.2824, 0.3318

Triad

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



70.3604, 0.2982, 0.3499



70.3604, 0.2881, 0.2952



70.3604, 0.3523, 0.3423

Complementary

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



70.3604, 0.2982, 0.3499



57.2239, 0.3301, 0.3090

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.



70.3604, 0.3438, 0.3251



70.3604, 0.2982, 0.3499



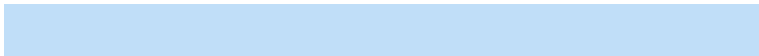
70.3604, 0.3062, 0.2986

Square

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



70.3604, 0.2982, 0.3499



70.3604, 0.2767, 0.3005



70.3604, 0.3267, 0.3094



70.3604, 0.3498, 0.3568

Rectangle

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



70.3604, 0.2982, 0.3499



70.3604, 0.2762, 0.3194



70.3604, 0.3267, 0.3094



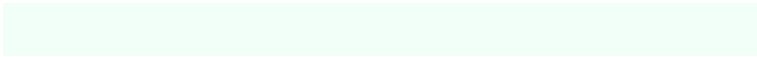
70.3604, 0.3506, 0.3367

Sweetspot

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



70.3634, 0.2982, 0.3499



97.2794, 0.3083, 0.3349



71.9324, 0.3235, 0.3724



20.7429, 0.3077, 0.3357



0.0000, 0.0000, 0.0000



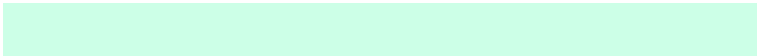
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3634, 0.2982, 0.3499



90.1208, 0.2954, 0.3546



70.9586, 0.2874, 0.3282



16.2155, 0.3044, 0.3403



32.8505, 0.2697, 0.4910



2.4463, 0.2626, 0.4654

Inverse Universe

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



57.2239, 0.3301, 0.3090



70.0532, 0.3344, 0.3048



56.6677, 0.3445, 0.3298



14.4809, 0.3219, 0.3179



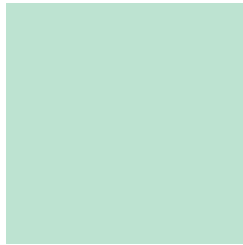
10.1703, 0.5069, 0.2566



0.7702, 0.4727, 0.2378

Previews

White Background



This preview shows how the Yxy color 70.3604, 0.2982, 0.3499 looks on a white background.

Color Contrast Check

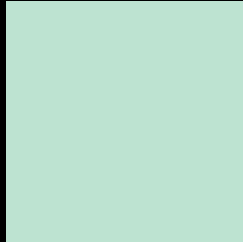
Large Text (above 18pt) WCAG AA × Fail

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 70.3604, 0.2982, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

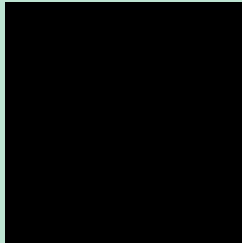
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

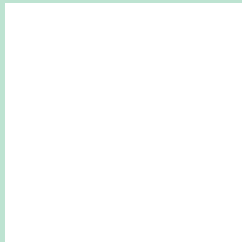
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3604, 0.2982, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 70.3604, 0.2982, 0.3499.



This preview shows how white text looks on a background with the Yxy color 70.3604, 0.2982, 0.3499.

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

70.3604, 0.2982, 0.3499

Protanopia

69.9929, 0.3275, 0.3433

Deuteranopia

70.0428, 0.3346, 0.3280



Tritanopia

70.1359, 0.2834, 0.3089

Trichromacy



Original Color

70.3604, 0.2982, 0.3499

Protanomaly

70.1662, 0.3162, 0.3459

Deuteranomaly

69.8585, 0.3204, 0.3356

Tritanomaly

70.3059, 0.2887, 0.3233

Monochromacy



Original Color

70.3604, 0.2982, 0.3499

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.3956, 0.3074, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3604, 0.2982, 0.3499 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(189, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(189, 227, 209)  
}
```

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(189, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 227, 209) }
```

Border

The CSS property to change the border of an element to Yxy 70.3604, 0.2982, 0.3499 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(189, 227, 209) }
```

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

```
.border{ border-color:rgb(189, 227, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 227, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(189, 227,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3604, 0.2982, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 227, 209) }
```

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

```
.background{ background-color: rgb(189,  
227, 209) }
```

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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