

Converting Colors

$Yxy(69.5758, 0.2792, 0.3246)$

Have a look what the booklet for
Yxy(69.5758, 0.2792, 0.3246)
contains.

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Color

Yxy(69.5709, 0.2789, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	B2E2E6
RGB	178, 226, 230
RGB Percent	70%, 89%, 90%
CMY	0.3021, 0.1137, 0.0981
CMYK	0.23, 0.02, 0.00, 0.10
HSL	185°, 51%, 80%
HSV	185°, 23%, 90%
XYZ	59.8314, 69.5709, 85.1241
YIQ	212.1040, -29.8920, -8.9320

Conversions

Conversions Part 2

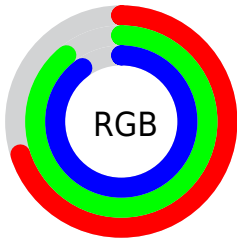
Format	Color
RYB	178, 203, 230
Decimal	11723494
CIELab	86.79, -14.53, -7.03
CIELCh	87, 16.137, 205.814
Yxy	69.5709, 0.2789, 0.3243
Android (android.graphics.Color)	4289913574 (0xFFB2E2E6)
YUV	212.1040, 8.8227, -29.9092
Hunter-Lab	83.4092, -17.9237, -2.1226

Details

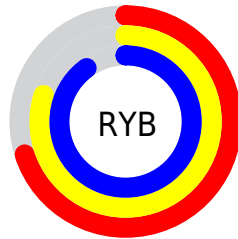
The Yxy color **69.5709, 0.2789, 0.3243** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4632, 0.3581, 0.3337**, and the grayscale version is **65.8632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **36.5061, 0.2706, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **66.1286, 0.2654, 0.3220**, and if you desaturate by 10%, it is **73.4847, 0.2934, 0.3265**.

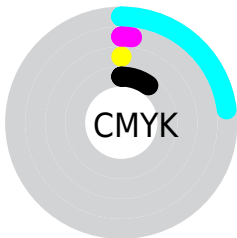
Distribution



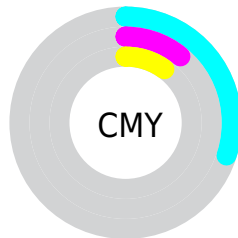
- Red (70%)
- Green (89%)
- Blue (90%)



- Red (70%)
- Yellow (80%)
- Blue (90%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5709, 0.2789, 0.3243 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 69.5709, 0.2789, 0.3243 by changing the saturation by 10% instead.

■ 69.5709, 0.2789,
0.3243

■ 69.5709, 0.2789,
0.3243

459.0419, 0.2945,
0.3267

■ 51.1768, 0.2753,
0.3237

■ 118.5966, 0.2843,
0.3252

■ 36.3493, 0.2709,
0.3229

149.9970, 0.2864,
0.3255

■ 24.7041, 0.2654,
0.3219

186.5017, 0.2882,
0.3258

■ 15.8567, 0.2581,
0.3205

228.4949, 0.2898,
0.3260

■ 9.4228, 0.2483,
0.3184

276.3612, 0.2912,
0.3262

■ 5.0180, 0.2341,
0.3151

330.4848, 0.2924,

■ 2.2578, 0.2123,

0.3264

391.2503, 0.2935,
0.3266

0.3092

0.7512, 0.1459,
0.3051

0.0000, 0.0000,
0.0000

69.5709, 0.2789,
0.3243

69.5709, 0.2789,
0.3243

66.1286, 0.2654,
0.3220

73.4847, 0.2934,
0.3265

63.1264, 0.2533,
0.3195

77.8826, 0.3086,
0.3285

60.5426, 0.2428,
0.3170

82.7873, 0.3243,
0.3303

58.3499, 0.2341,
0.3144

85.2687, 0.3297,
0.3321

■ 56.5179, 0.2273,
0.3117

■ 86.2673, 0.3295,
0.3338

■ 55.0114, 0.2224,
0.3091

■ 87.2759, 0.3293,
0.3355

■ 53.7882, 0.2193,
0.3065

■ 88.2944, 0.3292,
0.3372

■ 53.0171, 0.2180,
0.3046

■ 89.3229, 0.3290,
0.3389

■ 90.3614, 0.3288,
0.3406

Harmonies

Analogous

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



69.5709, 0.2915, 0.3427



69.5709, 0.2789, 0.3243



69.5709, 0.2751, 0.3080

Triad

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



69.5709, 0.2789, 0.3243



69.5709, 0.3145, 0.3027



69.5709, 0.3451, 0.3602

Complementary

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



69.5709, 0.2789, 0.3243



53.4632, 0.3581, 0.3337

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.



69.5709, 0.3518, 0.3483



69.5709, 0.2789, 0.3243



69.5709, 0.3339, 0.3156

Square

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



69.5709, 0.2789, 0.3243



69.5709, 0.2952, 0.2962



69.5709, 0.3477, 0.3321



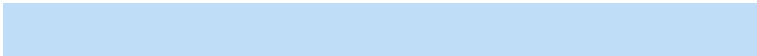
69.5709, 0.3296, 0.3639

Rectangle

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



69.5709, 0.2789, 0.3243



69.5709, 0.2780, 0.3004



69.5709, 0.3477, 0.3321



69.5709, 0.3485, 0.3570

Sweetspot

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



69.5737, 0.2789, 0.3243



95.9045, 0.3018, 0.3276



69.3993, 0.3076, 0.3880



20.4551, 0.3009, 0.3275



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.



69.5737, 0.2789, 0.3243



85.8919, 0.2726, 0.3233



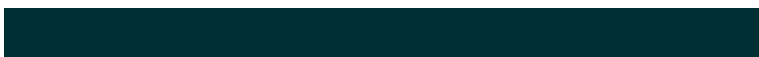
56.7176, 0.2766, 0.2937



16.1382, 0.2982, 0.3271



30.1017, 0.2181, 0.3050



2.2808, 0.2191, 0.3088

Inverse Universe

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



54.1400, 0.3185, 0.2769



63.3273, 0.3198, 0.2663



64.8738, 0.3519, 0.3619



14.5953, 0.3150, 0.3076



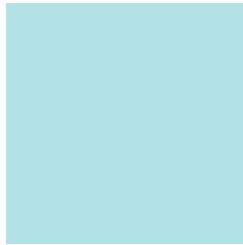
12.2365, 0.3410, 0.1652



0.9099, 0.3378, 0.1634

Previews

White Background



This preview shows how the Yxy color 69.5709, 0.2789, 0.3243 looks on a white background.

Color Contrast Check

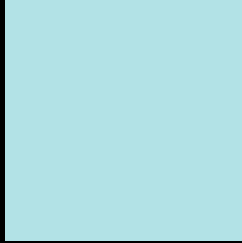
Large Text (above 18pt) WCAG AA × Fail

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 69.5709, 0.2789, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

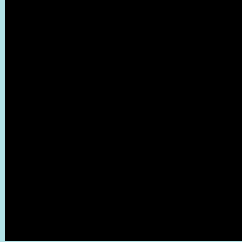
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5709, 0.2789, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 69.5709, 0.2789, 0.3243.

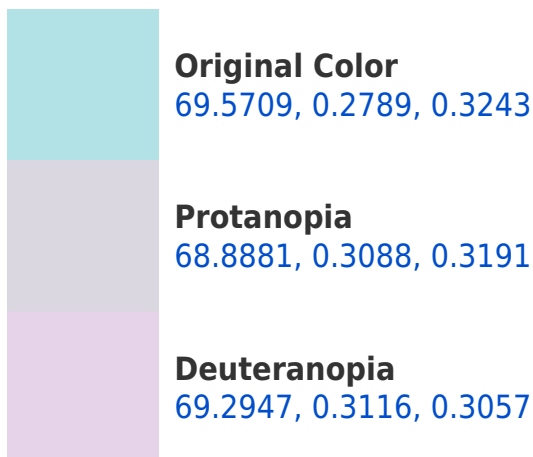


This preview shows how white text looks on a background with the Yxy color 69.5709, 0.2789, 0.3243.

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

69.4254, 0.2732, 0.3084

Trichromacy



Original Color

69.5709, 0.2789, 0.3243

Protanomaly

68.8505, 0.2970, 0.3211

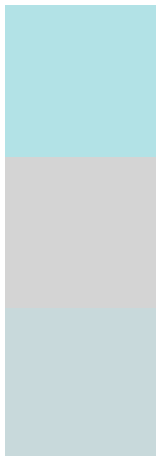
Deuteranomaly

68.7868, 0.2987, 0.3114

Tritanomaly

69.6072, 0.2750, 0.3140

Monochromacy



Original Color

69.5709, 0.2789, 0.3243

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.0195, 0.2994, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5709, 0.2789, 0.3243 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(178, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 226, 230)  
}
```

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(178, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 226, 230) }
```

Border

The CSS property to change the border of an element to Yxy 69.5709, 0.2789, 0.3243 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(178, 226, 230) }
```

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

```
.border{ border-color:rgb(178, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 226,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5709, 0.2789, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 226, 230) }
```

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

```
.background{ background-color: rgb(178,  
226, 230) }
```

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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