

Converting Colors

$Yxy(66.6062, 0.2879, 0.3199)$

Have a look what the booklet for
Yxy(66.6062, 0.2879, 0.3199)
contains.

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Color

Yxy(66.4526, 0.2876, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	BDDAE2
RGB	189, 218, 226
RGB Percent	74%, 85%, 89%
CMY	0.2589, 0.1451, 0.1137
CMYK	0.16, 0.04, 0.00, 0.11
HSL	193°, 39%, 81%
HSV	193°, 16%, 89%
XYZ	59.7803, 66.4526, 81.6263
YIQ	210.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

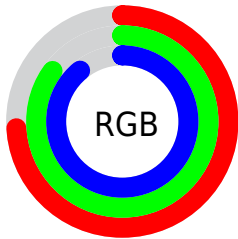
Format	Color
RYB	189, 205, 226
Decimal	12442338
CIELab	85.23, -7.93, -7.16
CIELCh	85, 10.681, 222.071
Yxy	66.4526, 0.2876, 0.3197
Android (android.graphics.Color)	4290632418 (0xFFBDDAE2)
YUV	210.2410, 7.7692, -18.6284
Hunter-Lab	81.5185, -11.7571, -2.3055

Details

The Yxy color **66.4526, 0.2876, 0.3197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.7590, 0.3423, 0.3381**, and the grayscale version is **64.5720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **34.2856, 0.2812, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **61.2948, 0.2728, 0.3133**, and if you desaturate by 10%, it is **72.1406, 0.3029, 0.3256**.

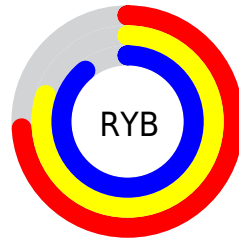
Distribution



Red (74%)

Green (85%)

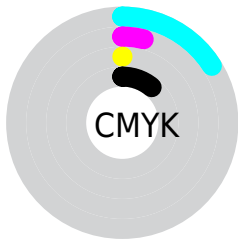
Blue (89%)



Red (74%)

Yellow (80%)

Blue (89%)

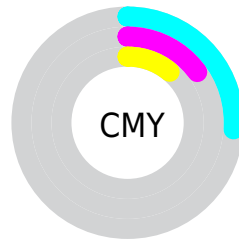


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (26%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4526, 0.2876, 0.3197 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 66.4526, 0.2876, 0.3197 by changing the saturation by 10% instead.

■ 66.4526, 0.2876,
0.3197

■ 66.4526, 0.2876,
0.3197

447.9938, 0.2993,
0.3242

■ 48.6399, 0.2849,
0.3186

■ 114.1357, 0.2917,
0.3213

■ 34.3339, 0.2815,
0.3173

144.7749, 0.2933,
0.3219

■ 23.1502, 0.2773,
0.3155

180.4583, 0.2946,
0.3224

■ 14.7045, 0.2716,
0.3132

221.5705, 0.2958,
0.3229

■ 8.6122, 0.2639,
0.3099

268.4957, 0.2969,
0.3233

■ 4.4891, 0.2526,
0.3048

321.6184, 0.2978,

■ 1.9508, 0.2347,

0.3236

0.2963

381.3230, 0.2986,
0.3239

■ 0.5786, 0.1718,
0.2788

■ 0.0000, 0.0000,
0.0000

■ 66.4526, 0.2876,
0.3197

■ 66.4526, 0.2876,
0.3197

■ 61.2948, 0.2728,
0.3133

■ 72.1406, 0.3029,
0.3256

■ 56.6376, 0.2587,
0.3065

■ 78.3707, 0.3183,
0.3309

■ 52.4606, 0.2457,
0.2992

■ 84.8259, 0.3324,
0.3356

■ 48.7388, 0.2341,
0.2915

■ 87.6198, 0.3318,
0.3404

■ 45.4443, 0.2242,
0.2837

■ 90.4905, 0.3312,
0.3452

■ 42.5460, 0.2162,
0.2757

■ 93.4387, 0.3307,
0.3498

■ 40.0073, 0.2101,
0.2677

■ 96.4650, 0.3301,
0.3545

■ 37.7827, 0.2060,
0.2599

■ 98.2710, 0.3298,
0.3572

■ 37.0271, 0.2047,
0.2570

Harmonies

Analogous

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



66.4526, 0.2931, 0.3317



66.4526, 0.2876, 0.3197



66.4526, 0.2886, 0.3106

Triad

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



66.4526, 0.2876, 0.3197



66.4526, 0.3213, 0.3155



66.4526, 0.3295, 0.3520

Complementary

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



66.4526, 0.2876, 0.3197



59.7590, 0.3423, 0.3381

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.



66.4526, 0.3374, 0.3470



66.4526, 0.2876, 0.3197



66.4526, 0.3326, 0.3260

Square

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



66.4526, 0.2876, 0.3197



66.4526, 0.3078, 0.3084



66.4526, 0.3385, 0.3374



66.4526, 0.3172, 0.3507

Rectangle

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



66.4526, 0.2876, 0.3197



66.4526, 0.2929, 0.3073



66.4526, 0.3385, 0.3374



66.4526, 0.3327, 0.3510

Sweetspot

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



66.4553, 0.2876, 0.3197



95.9186, 0.3049, 0.3263



69.2115, 0.3060, 0.3640



20.4109, 0.3039, 0.3259



0.0000, 0.0000, 0.0000



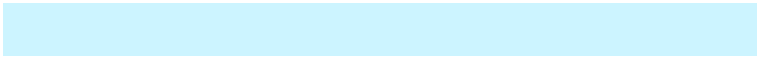
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4553, 0.2876, 0.3197



84.7557, 0.2820, 0.3174



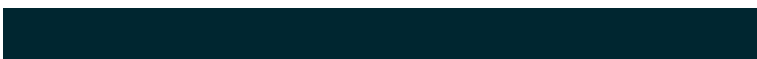
57.6543, 0.2867, 0.2984



15.0441, 0.2982, 0.3238



21.3045, 0.2051, 0.2583



1.6031, 0.2085, 0.2704

Inverse Universe

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



57.6166, 0.3207, 0.2970



70.9771, 0.3228, 0.2894



68.3883, 0.3392, 0.3578



13.8823, 0.3171, 0.3108



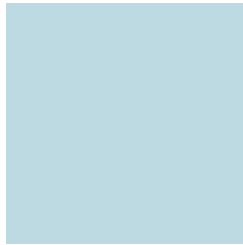
11.0587, 0.3841, 0.1890



0.7793, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 66.4526, 0.2876, 0.3197 looks on a white background.

Color Contrast Check

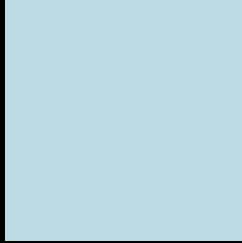
Large Text (above 18pt) WCAG AA × Fail

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 66.4526, 0.2876, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

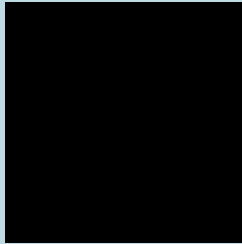
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

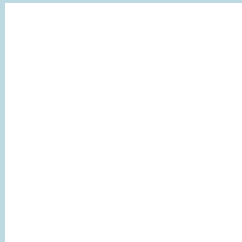
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4526, 0.2876, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 66.4526, 0.2876, 0.3197.



This preview shows how white text looks on a background with the Yxy color 66.4526, 0.2876, 0.3197.

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

66.4526, 0.2876, 0.3197

Protanopia

66.1586, 0.3074, 0.3168

Deuteranopia

65.9128, 0.3123, 0.3053



Tritanopia

66.5134, 0.2834, 0.3095

Trichromacy



Original Color

66.4526, 0.2876, 0.3197

Protanomaly

66.4000, 0.3003, 0.3188

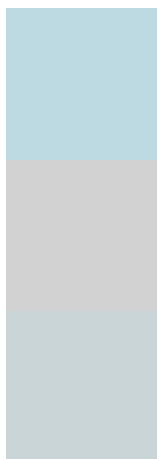
Deuteranomaly

65.7854, 0.3034, 0.3101

Tritanomaly

66.3424, 0.2852, 0.3129

Monochromacy



Original Color

66.4526, 0.2876, 0.3197

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1029, 0.3027, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4526, 0.2876, 0.3197 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, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 218, 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(189, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 218, 226) }
```

Border

The CSS property to change the border of an element to Yxy 66.4526, 0.2876, 0.3197 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, 218, 226) }
```

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

```
.border{ border-color:rgb(189, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 218,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4526, 0.2876, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 218, 226) }
```

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

```
.background{ background-color: rgb(189,  
218, 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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