

Converting Colors

Yxy(64.5218, 0.2853, 0.3155)

Have a look what the booklet for
Yxy(64.5218, 0.2853, 0.3155)
contains.

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Color

Yxy(64.5310, 0.2855, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	BAD7E2
RGB	186, 215, 226
RGB Percent	73%, 84%, 89%
CMY	0.2704, 0.1569, 0.1137
CMYK	0.18, 0.05, 0.00, 0.11
HSL	197°, 41%, 81%
HSV	197°, 18%, 89%
XYZ	58.2841, 64.5310, 81.3323
YIQ	207.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

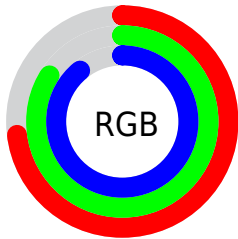
Format	Color
RYB	186, 203, 226
Decimal	12244962
CIELab	84.24, -7.29, -8.64
CIELCh	84, 11.299, 229.850
Yxy	64.5310, 0.2855, 0.3161
Android (android.graphics.Color)	4290435042 (0xFFBAD7E2)
YUV	207.5830, 9.0796, -18.9283
Hunter-Lab	80.3312, -11.0694, -3.7971

Details

The Yxy color **64.5310, 0.2855, 0.3161** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6670, 0.3446, 0.3416**, and the grayscale version is **62.7485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **32.9874, 0.2783, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **58.8136, 0.2704, 0.3078**, and if you desaturate by 10%, it is **70.8220, 0.3009, 0.3237**.

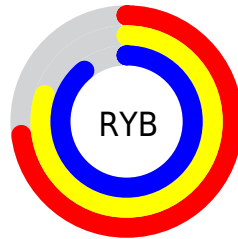
Distribution



Red (73%)

Green (84%)

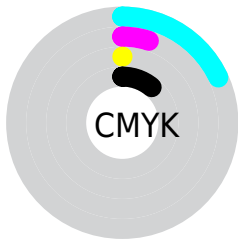
Blue (89%)



Red (73%)

Yellow (80%)

Blue (89%)

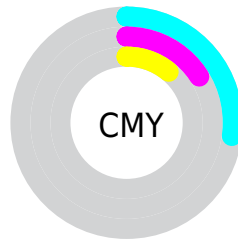


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (27%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5310, 0.2855, 0.3161 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 64.5310, 0.2855, 0.3161 by changing the saturation by 10% instead.

■ 64.5310, 0.2855,
0.3161

■ 64.5310, 0.2855,
0.3161

441.1047, 0.2983,
0.3223

■ 47.0809, 0.2825,
0.3146

■ 111.3753, 0.2900,
0.3183

■ 33.0996, 0.2789,
0.3128

141.5383, 0.2917,
0.3192

■ 22.2028, 0.2742,
0.3103

176.7077, 0.2932,
0.3199

■ 14.0060, 0.2680,
0.3071

217.2679, 0.2945,
0.3205

■ 8.1248, 0.2595,
0.3025

263.6033, 0.2956,
0.3210

■ 4.1749, 0.2470,
0.2955

316.0983, 0.2966,

■ 1.7719, 0.2269,

0.3215

0.2837

375.1373, 0.2975,
0.3219

0.4696, 0.1442,
0.2523

0.0000, 0.0000,
0.0000

64.5310, 0.2855,
0.3161

64.5310, 0.2855,
0.3161

58.8136, 0.2704,
0.3078

70.8220, 0.3009,
0.3237

53.6394, 0.2560,
0.2989

77.6994, 0.3163,
0.3305

48.9871, 0.2425,
0.2894

85.1857, 0.3315,
0.3367

44.8307, 0.2303,
0.2794

89.0040, 0.3315,
0.3427

■ 41.1411, 0.2198,
0.2692

■ 92.7286, 0.3308,
0.3487

■ 37.8858, 0.2111,
0.2587

■ 96.5800, 0.3301,
0.3547

■ 35.0267, 0.2045,
0.2483

■ 98.2708, 0.3298,
0.3572

■ 32.5123, 0.1998,
0.2380

■ 31.9598, 0.1988,
0.2357

Harmonies

Analogous

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



64.5310, 0.2897, 0.3284



64.5310, 0.2855, 0.3161



64.5310, 0.2884, 0.3077

Triad

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



64.5310, 0.2855, 0.3161



64.5310, 0.3254, 0.3172



64.5310, 0.3275, 0.3539

Complementary

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



64.5310, 0.2855, 0.3161



59.6670, 0.3446, 0.3416

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.



64.5310, 0.3375, 0.3502



64.5310, 0.2855, 0.3161



64.5310, 0.3363, 0.3289

Square

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



64.5310, 0.2855, 0.3161



64.5310, 0.3112, 0.3085



64.5310, 0.3407, 0.3410



64.5310, 0.3137, 0.3507

Rectangle

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



64.5310, 0.2855, 0.3161



64.5310, 0.2940, 0.3052



64.5310, 0.3407, 0.3410



64.5310, 0.3314, 0.3534

Sweetspot

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



64.5337, 0.2855, 0.3161



95.4420, 0.3050, 0.3256



68.8527, 0.3038, 0.3638



20.2948, 0.3039, 0.3251



0.0000, 0.0000, 0.0000



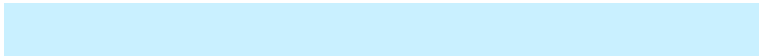
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5337, 0.2855, 0.3161



82.1707, 0.2802, 0.3133



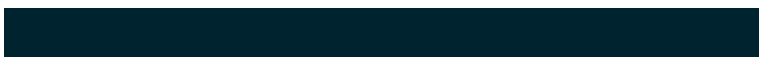
55.1285, 0.2843, 0.2925



14.9008, 0.2982, 0.3224



18.4418, 0.1993, 0.2373



1.4257, 0.2036, 0.2531

Inverse Universe

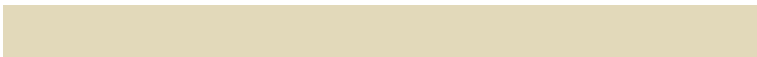
The Inverse Universe completely reimagines the original color for something new.



56.2093, 0.3232, 0.2969



69.5499, 0.3257, 0.2904



69.1731, 0.3409, 0.3630



13.8679, 0.3180, 0.3122



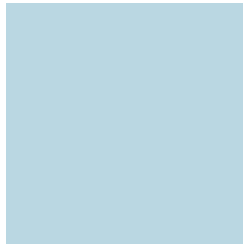
10.7698, 0.4051, 0.2005



0.7614, 0.3892, 0.1917

Previews

White Background



This preview shows how the Yxy color 64.5310, 0.2855, 0.3161 looks on a white background.

Color Contrast Check

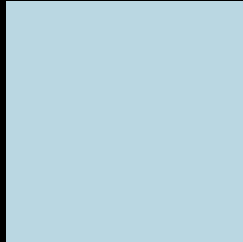
Large Text (above 18pt) WCAG AA × Fail

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 64.5310, 0.2855, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

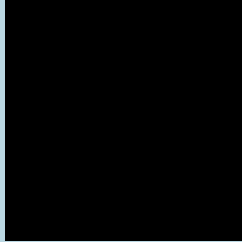
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

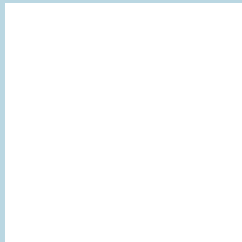
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5310, 0.2855, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 64.5310, 0.2855, 0.3161.



This preview shows how white text looks on a background with the Yxy color 64.5310, 0.2855, 0.3161.

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

64.5310, 0.2855, 0.3161

Protanopia

64.5765, 0.3046, 0.3144

Deuteranopia

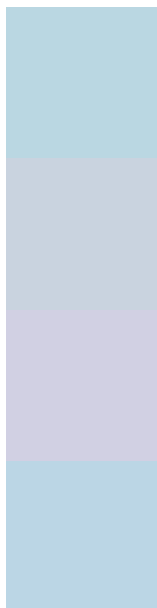
64.3168, 0.3094, 0.3028



Tritanopia

64.4275, 0.2830, 0.3093

Trichromacy



Original Color

64.5310, 0.2855, 0.3161

Protanomaly

64.3338, 0.2975, 0.3153

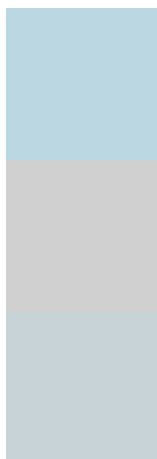
Deuteranomaly

64.2131, 0.3005, 0.3077

Tritanomaly

64.3151, 0.2843, 0.3115

Monochromacy



Original Color

64.5310, 0.2855, 0.3161

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7742, 0.3020, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5310, 0.2855, 0.3161 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(186, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(186, 215, 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(186, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 215, 226) }
```

Border

The CSS property to change the border of an element to Yxy 64.5310, 0.2855, 0.3161 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(186, 215, 226) }
```

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

```
.border{ border-color:rgb(186, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(186, 215,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5310, 0.2855, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 215, 226) }
```

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

```
.background{ background-color: rgb(186,  
215, 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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