

Converting Colors

Yxy(63.4319, 0.2893, 0.3150)

Have a look what the booklet for
Yxy(63.4319, 0.2893, 0.3150)
contains.

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Color

Yxy(63.4159, 0.2892, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	BED4E0
RGB	190, 212, 224
RGB Percent	75%, 83%, 88%
CMY	0.2551, 0.1686, 0.1216
CMYK	0.15, 0.05, 0.00, 0.12
HSL	201°, 35%, 81%
HSV	201°, 15%, 88%
XYZ	58.2218, 63.4159, 79.6826
YIQ	206.7900, -16.9640, -0.9320

Conversions

Conversions Part 2

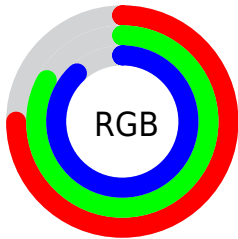
Format	Color
R _Y B	190, 203, 224
Decimal	12506336
CIE Lab	83.66, -4.93, -8.40
CIE LCh	84, 9.744, 239.580
Yxy	63.4159, 0.2892, 0.3150
Android (android.graphics.Color)	4290696416 (0xFFBED4E0)
YUV	206.7900, 8.4845, -14.7248
Hunter-Lab	79.6341, -8.8553, -3.5822

Details

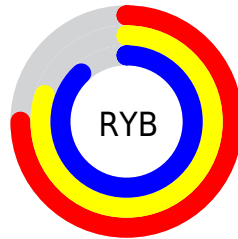
The Yxy color **63.4159, 0.2892, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7626, 0.3391, 0.3426**, and the grayscale version is **62.2031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **32.2128, 0.2830, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **56.9112, 0.2737, 0.3046**, and if you desaturate by 10%, it is **70.5611, 0.3047, 0.3245**.

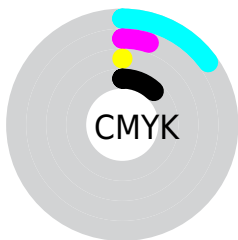
Distribution



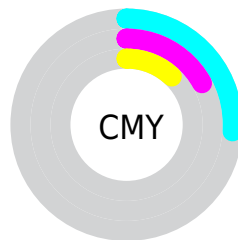
- Red (75%)
- Green (83%)
- Blue (88%)



- Red (75%)
- Yellow (80%)
- Blue (88%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (26%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4159, 0.2892, 0.3150 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 63.4159, 0.2892, 0.3150 by changing the saturation by 10% instead.

■ 63.4159, 0.2892,
0.3150

■ 63.4159, 0.2892,
0.3150

437.0773, 0.3003,
0.3217

■ 46.1778, 0.2866,
0.3134

■ 109.7693, 0.2931,
0.3174

■ 32.3861, 0.2834,
0.3114

139.6534, 0.2946,
0.3183

■ 21.6566, 0.2793,
0.3088

174.5215, 0.2959,
0.3191

■ 13.6048, 0.2738,
0.3054

214.7581, 0.2970,
0.3197

■ 7.8463, 0.2663,
0.3005

260.7476, 0.2980,
0.3203

■ 3.9968, 0.2551,
0.2931

312.8744, 0.2988,

■ 1.6717, 0.2370,

0.3208

0.2806

371.5228, 0.2996,
0.3213

0.4053, 0.1557,
0.2384

0.0000, 0.0000,
0.0000

63.4159, 0.2892,
0.3150

63.4159, 0.2892,
0.3150

56.9112, 0.2737,
0.3046

70.5611, 0.3047,
0.3245

51.0162, 0.2584,
0.2933

78.3605, 0.3200,
0.3330

45.7090, 0.2439,
0.2811

86.4278, 0.3333,
0.3406

40.9632, 0.2303,
0.2683

91.0541, 0.3324,
0.3483

■ 36.7498, 0.2183,
0.2549

■ 95.8827, 0.3314,
0.3558

■ 33.0361, 0.2080,
0.2413

■ 98.1611, 0.3310,
0.3592

■ 29.7851, 0.1997,
0.2277

■ 26.9514, 0.1936,
0.2144

■ 25.7040, 0.1911,
0.2081

Harmonies

Analogous

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



63.4159, 0.2909, 0.3249



63.4159, 0.2892, 0.3150



63.4159, 0.2937, 0.3091

Triad

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



63.4159, 0.2892, 0.3150



63.4159, 0.3272, 0.3219



63.4159, 0.3219, 0.3503

Complementary

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



63.4159, 0.2892, 0.3150



61.7626, 0.3391, 0.3426

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.



63.4159, 0.3319, 0.3491



63.4159, 0.2892, 0.3150



63.4159, 0.3351, 0.3325

Square

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



63.4159, 0.2892, 0.3150



63.4159, 0.3155, 0.3132



63.4159, 0.3368, 0.3424



63.4159, 0.3096, 0.3456

Rectangle

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



63.4159, 0.2892, 0.3150



63.4159, 0.2996, 0.3082



63.4159, 0.3368, 0.3424



63.4159, 0.3257, 0.3506

Sweetspot

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



63.4185, 0.2892, 0.3150



94.8346, 0.3050, 0.3246



68.5027, 0.3033, 0.3550



20.1470, 0.3039, 0.3240



0.0000, 0.0000, 0.0000



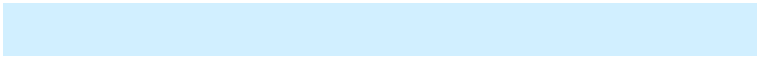
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4185, 0.2892, 0.3150



82.4422, 0.2846, 0.3120



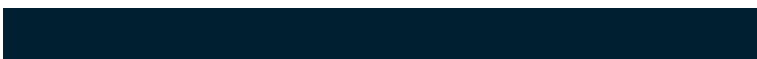
55.3765, 0.2884, 0.2947



14.7189, 0.2982, 0.3206



15.1871, 0.1917, 0.2101



1.2190, 0.1974, 0.2305

Inverse Universe

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



57.4046, 0.3236, 0.3044



73.1339, 0.3260, 0.2994



70.1618, 0.3363, 0.3612



13.8495, 0.3191, 0.3139



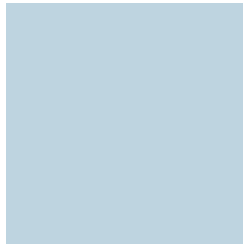
10.4412, 0.4340, 0.2165



0.7405, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 63.4159, 0.2892, 0.3150 looks on a white background.

Color Contrast Check

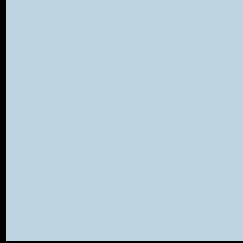
Large Text (above 18pt) WCAG AA × Fail

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 63.4159, 0.2892, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

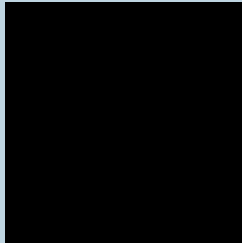
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

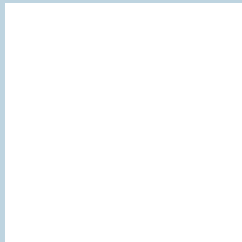
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4159, 0.2892, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 63.4159, 0.2892, 0.3150.

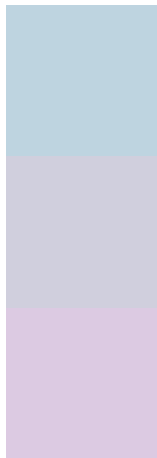


This preview shows how white text looks on a background with the Yxy color 63.4159, 0.2892, 0.3150.

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

63.4159, 0.2892, 0.3150

Protanopia

63.2560, 0.3038, 0.3131

Deuteranopia

62.9477, 0.3094, 0.3026



Tritanopia

63.2663, 0.2874, 0.3093

Trichromacy



Original Color

63.4159, 0.2892, 0.3150

Protanomaly

63.2924, 0.2981, 0.3141

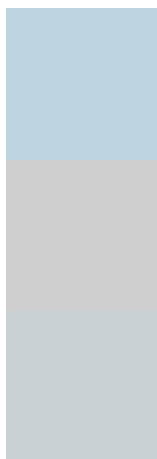
Deuteranomaly

63.1342, 0.3019, 0.3076

Tritanomaly

63.2109, 0.2880, 0.3104

Monochromacy



Original Color

63.4159, 0.2892, 0.3150

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8225, 0.3041, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4159, 0.2892, 0.3150 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(190, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 224)  
}
```

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(190, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 224) }
```

Border

The CSS property to change the border of an element to Yxy 63.4159, 0.2892, 0.3150 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(190, 212, 224) }
```

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

```
.border{ border-color:rgb(190, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4159, 0.2892, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 224) }
```

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

```
.background{ background-color: rgb(190,  
212, 224) }
```

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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