

Converting Colors

Yxy(64.2074, 0.2889, 0.3136)

Have a look what the booklet for
Yxy(64.2074, 0.2889, 0.3136)
contains.

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Color

Yxy(64.1559, 0.2887, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	BFD5E2
RGB	191, 213, 226
RGB Percent	75%, 84%, 89%
CMY	0.2510, 0.1647, 0.1137
CMYK	0.15, 0.06, 0.00, 0.11
HSL	202°, 38%, 82%
HSV	202°, 15%, 89%
XYZ	59.0054, 64.1559, 81.2219
YIQ	207.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

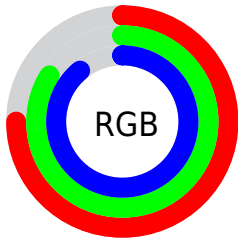
Format	Color
R_{YB}	191, 205, 226
Decimal	12572130
CIE _{Lab}	84.05, -4.70, -8.89
CIE _{LCh}	84, 10.057, 242.128
Yxy	64.1559, 0.2887, 0.3139
Android (android.graphics.Color)	4290762210 (0xFFBFD5E2)
YUV	207.9040, 8.9213, -14.8248
Hunter-Lab	80.0974, -8.6746, -4.0542

Details

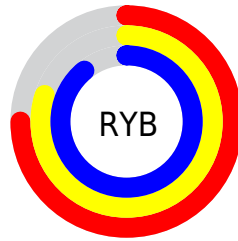
The Yxy color **64.1559, 0.2887, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1072, 0.3395, 0.3436**, and the grayscale version is **62.9612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **32.7124, 0.2824, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **57.3404, 0.2731, 0.3029**, and if you desaturate by 10%, it is **71.6470, 0.3043, 0.3239**.

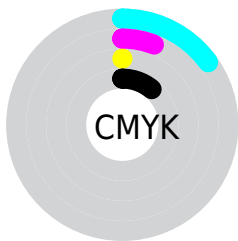
Distribution



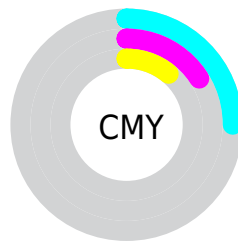
- Red (75%)
- Green (84%)
- Blue (89%)



- Red (75%)
- Yellow (80%)
- Blue (89%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.1559, 0.2887, 0.3139 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 64.1559, 0.2887, 0.3139 by changing the saturation by 10% instead.

■ 64.1559, 0.2887,
0.3139

■ 64.1559, 0.2887,
0.3139

439.7524, 0.3000,
0.3211

■ 46.7770, 0.2861,
0.3122

■ 110.8354, 0.2927,
0.3165

■ 32.8594, 0.2828,
0.3101

140.9048, 0.2942,
0.3174

■ 22.0187, 0.2786,
0.3073

175.9731, 0.2955,
0.3183

■ 13.8707, 0.2731,
0.3036

216.4247, 0.2966,
0.3190

■ 8.0308, 0.2655,
0.2984

262.6441, 0.2976,
0.3196

■ 4.1146, 0.2543,
0.2906

315.0155, 0.2985,

■ 1.7379, 0.2362,

0.3202

0.2776

373.9235, 0.2993,
0.3207

0.4480, 0.1658,
0.2388

0.0000, 0.0000,
0.0000

64.1559, 0.2887,
0.3139

64.1559, 0.2887,
0.3139

57.3404, 0.2731,
0.3029

71.6470, 0.3043,
0.3239

51.1686, 0.2577,
0.2908

79.8283, 0.3196,
0.3329

45.6175, 0.2429,
0.2779

87.9973, 0.3317,
0.3411

40.6595, 0.2292,
0.2643

92.9998, 0.3307,
0.3492

■ 36.2643, 0.2169,
0.2501

■ 98.2328, 0.3298,
0.3571

■ 32.3979, 0.2063,
0.2357

■ 98.2708, 0.3298,
0.3572

■ 29.0216, 0.1979,
0.2213

■ 26.0881, 0.1916,
0.2072

■ 24.8759, 0.1892,
0.2009

Harmonies

Analogous

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



64.1559, 0.2899, 0.3238



64.1559, 0.2887, 0.3139



64.1559, 0.2938, 0.3083

Triad

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



64.1559, 0.2887, 0.3139



64.1559, 0.3285, 0.3226



64.1559, 0.3211, 0.3508

Complementary

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



64.1559, 0.2887, 0.3139



63.1072, 0.3395, 0.3436

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.



64.1559, 0.3318, 0.3500



64.1559, 0.2887, 0.3139



64.1559, 0.3361, 0.3335

Square

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



64.1559, 0.2887, 0.3139



64.1559, 0.3167, 0.3134



64.1559, 0.3373, 0.3435



64.1559, 0.3084, 0.3454

Rectangle

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



64.1559, 0.2887, 0.3139



64.1559, 0.3002, 0.3076



64.1559, 0.3373, 0.3435



64.1559, 0.3251, 0.3512

Sweetspot

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



64.1586, 0.2887, 0.3139



94.6798, 0.3050, 0.3244



69.8181, 0.3027, 0.3549



20.1093, 0.3039, 0.3237



0.0000, 0.0000, 0.0000



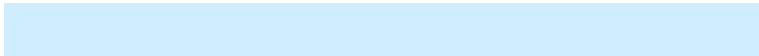
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1586, 0.2887, 0.3139



81.0009, 0.2830, 0.3100



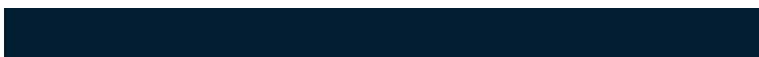
55.8931, 0.2879, 0.2932



14.6727, 0.2981, 0.3201



14.4266, 0.1898, 0.2031



1.1697, 0.1958, 0.2247

Inverse Universe

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



58.2314, 0.3244, 0.3046



71.7835, 0.3276, 0.2987



71.8169, 0.3366, 0.3624



13.8448, 0.3194, 0.3144



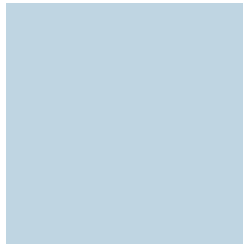
10.3644, 0.4418, 0.2207



0.7355, 0.4182, 0.2078

Previews

White Background



This preview shows how the Yxy color 64.1559, 0.2887, 0.3139 looks on a white background.

Color Contrast Check

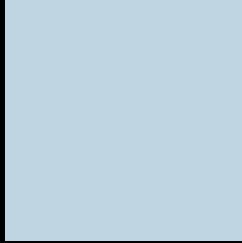
Large Text (above 18pt) WCAG AA × Fail

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 64.1559, 0.2887, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

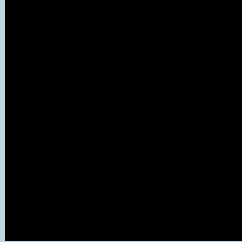
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

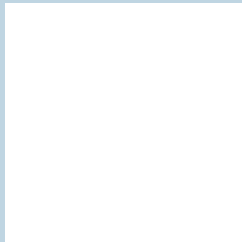
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1559, 0.2887, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 64.1559, 0.2887, 0.3139.

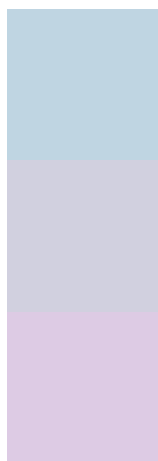


This preview shows how white text looks on a background with the Yxy color 64.1559, 0.2887, 0.3139.

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

64.1559, 0.2887, 0.3139

Protanopia

63.9948, 0.3032, 0.3121

Deuteranopia

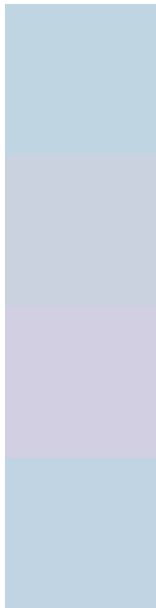
63.6855, 0.3087, 0.3017



Tritanopia

63.9506, 0.2875, 0.3094

Trichromacy



Original Color

64.1559, 0.2887, 0.3139

Protanomaly

64.0316, 0.2975, 0.3130

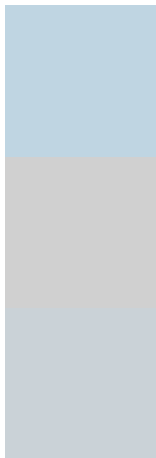
Deuteranomaly

63.8733, 0.3012, 0.3066

Tritanomaly

63.8949, 0.2881, 0.3105

Monochromacy



Original Color

64.1559, 0.2887, 0.3139

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5560, 0.3034, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1559, 0.2887, 0.3139 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(191, 213, 226)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 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(191, 213, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 226) }
```

Border

The CSS property to change the border of an element to Yxy 64.1559, 0.2887, 0.3139 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(191, 213, 226) }
```

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

```
.border{ border-color:rgb(191, 213, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 213, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 226);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1559, 0.2887, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 226) }
```

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

```
.background{ background-color: rgb(191,  
213, 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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