

Converting Colors

$Yxy(63.5724, 0.2942, 0.3175)$

Have a look what the booklet for
Yxy(63.5724, 0.2942, 0.3175)
contains.

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Color

Yxy(63.4111, 0.2945, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	C3D3DD
RGB	195, 211, 221
RGB Percent	76%, 83%, 87%
CMY	0.2356, 0.1725, 0.1334
CMYK	0.12, 0.05, 0.00, 0.13
HSL	203°, 28%, 82%
HSV	203°, 12%, 87%
XYZ	58.8361, 63.4111, 77.5358
YIQ	207.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

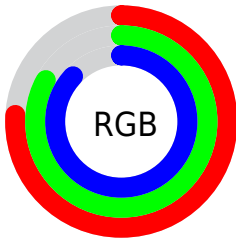
Format	Color
RYB	195, 205, 221
Decimal	12833757
CIELab	83.66, -3.43, -6.77
CIELCh	84, 7.595, 243.111
Yxy	63.4111, 0.2945, 0.3174
Android (android.graphics.Color)	4291023837 (0xFFC3D3DD)
YUV	207.3560, 6.7265, -10.8362
Hunter-Lab	79.6311, -7.4682, -1.9881

Details

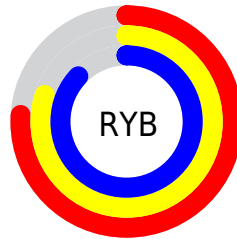
The Yxy color **63.4111, 0.2945, 0.3174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9192, 0.3325, 0.3403**, and the grayscale version is **62.5946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.5298, 0.2899, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **56.5966, 0.2788, 0.3064**, and if you desaturate by 10%, it is **70.8871, 0.3100, 0.3273**.

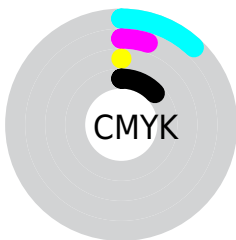
Distribution



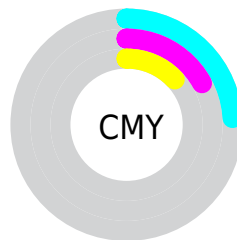
- Red (76%)
- Green (83%)
- Blue (87%)



- Red (76%)
- Yellow (80%)
- Blue (87%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4111, 0.2945, 0.3174 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 63.4111, 0.2945, 0.3174 by changing the saturation by 10% instead.

■ 63.4111, 0.2945,
0.3174

■ 63.4111, 0.2945,
0.3174

437.0599, 0.3031,
0.3230

■ 46.1739, 0.2925,
0.3161

109.7624, 0.2975,
0.3194

■ 32.3830, 0.2900,
0.3144

139.6452, 0.2987,
0.3201

■ 21.6542, 0.2868,
0.3123

174.5121, 0.2997,
0.3208

■ 13.6031, 0.2825,
0.3095

214.7473, 0.3005,
0.3213

■ 7.8451, 0.2766,
0.3055

260.7353, 0.3013,
0.3218

■ 3.9960, 0.2678,
0.2994

312.8605, 0.3020,

■ 1.6713, 0.2533,

0.3222

0.2892

371.5072, 0.3026,
0.3226

0.4050, 0.1858,
0.2499

0.0000, 0.0000,
0.0000

63.4111, 0.2945,
0.3174

63.4111, 0.2945,
0.3174

56.5966, 0.2788,
0.3064

70.8871, 0.3100,
0.3273

50.4134, 0.2633,
0.2944

79.0380, 0.3251,
0.3362

44.8401, 0.2481,
0.2814

86.6860, 0.3352,
0.3443

39.8510, 0.2338,
0.2676

91.6776, 0.3341,
0.3525

■ 35.4182, 0.2208,
0.2531

■ 96.9025, 0.3330,
0.3605

■ 31.5105, 0.2094,
0.2383

■ 97.9998, 0.3328,
0.3621

■ 28.0929, 0.2000,
0.2234

■ 25.1238, 0.1927,
0.2088

■ 22.9674, 0.1881,
0.1970

Harmonies

Analogous

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



63.4111, 0.2952, 0.3248



63.4111, 0.2945, 0.3174



63.4111, 0.2986, 0.3132

Triad

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



63.4111, 0.2945, 0.3174



63.4111, 0.3249, 0.3244



63.4111, 0.3188, 0.3454

Complementary

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



63.4111, 0.2945, 0.3174



62.9192, 0.3325, 0.3403

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.



63.4111, 0.3270, 0.3450



63.4111, 0.2945, 0.3174



63.4111, 0.3305, 0.3328

Square

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



63.4111, 0.2945, 0.3174



63.4111, 0.3161, 0.3173



63.4111, 0.3313, 0.3403



63.4111, 0.3092, 0.3412

Rectangle

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



63.4111, 0.2945, 0.3174



63.4111, 0.3035, 0.3127



63.4111, 0.3313, 0.3403



63.4111, 0.3218, 0.3458

Sweetspot

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



63.4137, 0.2945, 0.3174



95.6534, 0.3065, 0.3252



67.6824, 0.3051, 0.3482



20.3024, 0.3054, 0.3245



0.0000, 0.0000, 0.0000



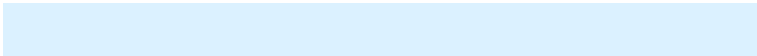
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4137, 0.2945, 0.3174



85.4447, 0.2909, 0.3149



57.3865, 0.2942, 0.3024



13.9497, 0.2982, 0.3198



13.5690, 0.1887, 0.1993



1.0437, 0.1952, 0.2227

Inverse Universe

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



59.0740, 0.3215, 0.3110



78.4515, 0.3234, 0.3073



69.1982, 0.3307, 0.3542



13.1861, 0.3196, 0.3147



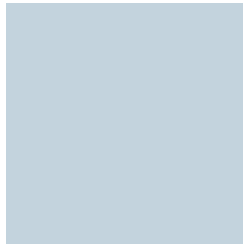
9.9936, 0.4461, 0.2231



0.6640, 0.4203, 0.2089

Previews

White Background



This preview shows how the Yxy color 63.4111, 0.2945, 0.3174 looks on a white background.

Color Contrast Check

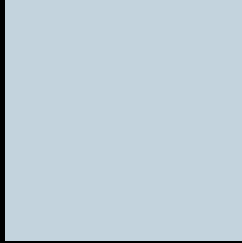
Large Text (above 18pt) WCAG AA × Fail

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 63.4111, 0.2945, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

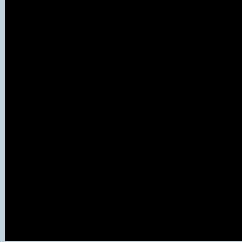
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

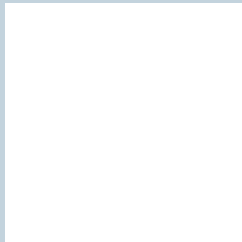
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4111, 0.2945, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 63.4111, 0.2945, 0.3174.

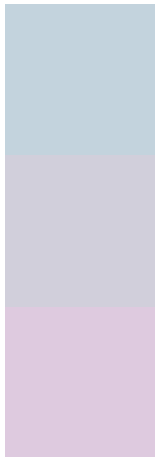


This preview shows how white text looks on a background with the Yxy color 63.4111, 0.2945, 0.3174.

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

63.4111, 0.2945, 0.3174

Protanopia

63.2954, 0.3059, 0.3154

Deuteranopia

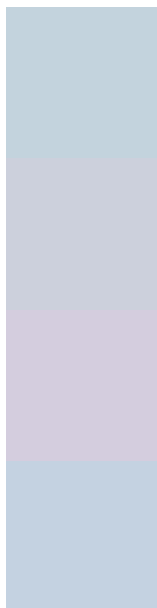
63.0984, 0.3130, 0.3059



Tritanopia

63.3750, 0.2914, 0.3094

Trichromacy



Original Color

63.4111, 0.2945, 0.3174

Protanomaly

63.1164, 0.3016, 0.3153

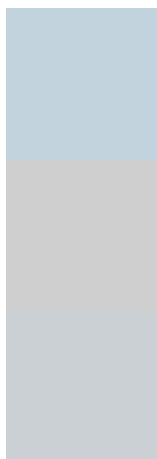
Deuteranomaly

62.9336, 0.3061, 0.3099

Tritanomaly

63.2652, 0.2926, 0.3117

Monochromacy



Original Color

63.4111, 0.2945, 0.3174

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5617, 0.3062, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4111, 0.2945, 0.3174 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(195, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(195, 211, 221)  
}
```

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(195, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 211, 221) }
```

Border

The CSS property to change the border of an element to Yxy 63.4111, 0.2945, 0.3174 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(195, 211, 221) }
```

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

```
.border{ border-color:rgb(195, 211, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 211, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(195, 211,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4111, 0.2945, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 211, 221) }
```

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

```
.background{ background-color: rgb(195,  
211, 221) }
```

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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