

Converting Colors

Yxy(63.8782, 0.3130, 0.3223)

Have a look what the booklet for
Yxy(63.8782, 0.3130, 0.3223)
contains.

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Color

Yxy(63.5759, 0.3130, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	D5CFD5
RGB	213, 207, 213
RGB Percent	84%, 81%, 84%
CMY	0.1648, 0.1882, 0.1646
CMYK	0.00, 0.03, 0.00, 0.16
HSL	300°, 7%, 82%
HSV	300°, 3%, 84%
XYZ	61.7606, 63.5759, 71.9817
YIQ	209.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

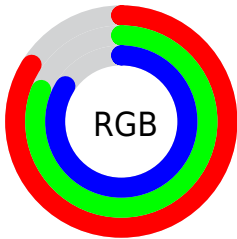
Format	Color
R _Y B	213, 207, 213
Decimal	14012373
CIE Lab	83.74, 3.14, -2.25
CIE LCh	84, 3.865, 324.320
Yxy	63.5759, 0.3130, 0.3222
Android (android.graphics.Color)	4292202453 (0xFFD5CFD5)
YUV	209.4780, 1.7363, 3.0888
Hunter-Lab	79.7345, -1.2732, 2.2891

Details

The Yxy color **63.5759, 0.3130, 0.3222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3794, 0.3124, 0.3359**, and the grayscale version is **64.0770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5202, 0.3131, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **53.9182, 0.3140, 0.2976**, and if you desaturate by 10%, it is **74.6317, 0.3120, 0.3459**.

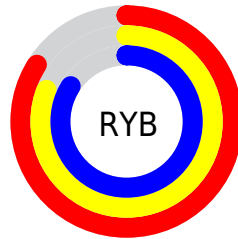
Distribution



Red (84%)

Green (81%)

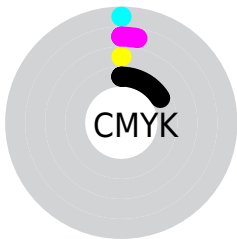
Blue (84%)



Red (84%)

Yellow (81%)

Blue (84%)

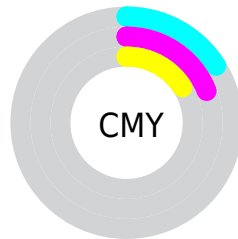


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5759, 0.3130, 0.3222 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 63.5759, 0.3130, 0.3222 by changing the saturation by 10% instead.

■ 63.5759, 0.3130,
0.3222

■ 63.5759, 0.3130,
0.3222

437.6565, 0.3129,
0.3254

■ 46.3073, 0.3130,
0.3214

109.9999, 0.3130,
0.3233

■ 32.4884, 0.3131,
0.3205

139.9241, 0.3129,
0.3238

■ 21.7348, 0.3131,
0.3193

174.8356, 0.3129,
0.3241

■ 13.6622, 0.3132,
0.3177

215.1188, 0.3129,
0.3245

■ 7.8861, 0.3132,
0.3155

261.1581, 0.3129,
0.3247

■ 4.0221, 0.3133,
0.3122

313.3379, 0.3129,

■ 1.6860, 0.3134,

0.3250

0.3067

372.0426, 0.3129,
0.3252

0.4145, 0.3150,
0.2774

0.0000, 0.0000,
0.0000

63.5759, 0.3130,
0.3222

63.5759, 0.3130,
0.3222

53.9182, 0.3140,
0.2976

74.6317, 0.3120,
0.3459

45.5950, 0.3150,
0.2726

87.1296, 0.3111,
0.3682

38.5499, 0.3160,
0.2479

90.5422, 0.3109,
0.3736

32.7196, 0.3169,
0.2245

90.5669, 0.3110,
0.3736

■ 28.0351, 0.3177,
0.2033

■ 90.5918, 0.3111,
0.3736

■ 24.4205, 0.3183,
0.1852

■ 90.6166, 0.3112,
0.3735

■ 21.7911, 0.3187,
0.1710

■ 90.6415, 0.3113,
0.3735

■ 20.0490, 0.3190,
0.1610

■ 90.6663, 0.3114,
0.3735

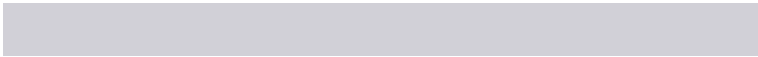
■ 19.0765, 0.3190,
0.1553

■ 90.6913, 0.3115,
0.3735

Harmonies

Analogous

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



63.5759, 0.3082, 0.3207



63.5759, 0.3130, 0.3222



63.5759, 0.3177, 0.3255

Triad

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



63.5759, 0.3130, 0.3222



63.5759, 0.3208, 0.3367



63.5759, 0.3044, 0.3282

Complementary

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



63.5759, 0.3130, 0.3222



65.3794, 0.3124, 0.3359

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.



63.5759, 0.3077, 0.3326



63.5759, 0.3130, 0.3222



63.5759, 0.3172, 0.3375

Square

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



63.5759, 0.3130, 0.3222



63.5759, 0.3223, 0.3338



63.5759, 0.3124, 0.3360



63.5759, 0.3033, 0.3241

Rectangle

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



63.5759, 0.3130, 0.3222



63.5759, 0.3202, 0.3283



63.5759, 0.3124, 0.3360



63.5759, 0.3053, 0.3297

Sweetspot

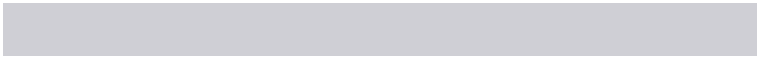
The Sweet Spot groups the original color and five complimentary colors.



63.5786, 0.3130, 0.3222



98.3800, 0.3128, 0.3266



62.7515, 0.3085, 0.3222



21.0744, 0.3128, 0.3267



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.



63.5786, 0.3130, 0.3222



95.2046, 0.3130, 0.3217



63.4393, 0.3151, 0.3255



13.8575, 0.3131, 0.3199



11.4278, 0.3190, 0.1531



0.6909, 0.3194, 0.1533

Inverse Universe

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



63.2881, 0.3172, 0.3290



94.7365, 0.3176, 0.3290



65.5162, 0.3104, 0.3325



13.7722, 0.3188, 0.3289



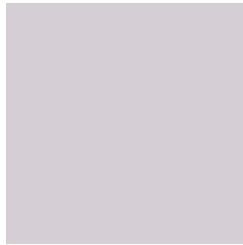
8.6440, 0.6392, 0.3295



0.5219, 0.6363, 0.3279

Previews

White Background



This preview shows how the Yxy color 63.5759, 0.3130, 0.3222 looks on a white background.

Color Contrast Check

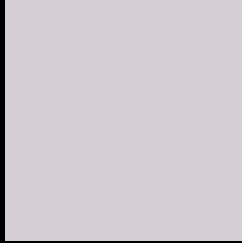
Large Text (above 18pt) WCAG AA × Fail

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 63.5759, 0.3130, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

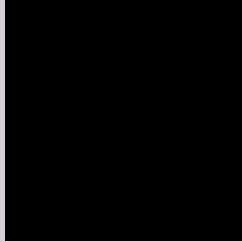
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

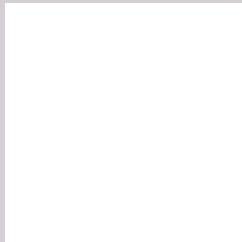
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5759, 0.3130, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 63.5759, 0.3130, 0.3222.

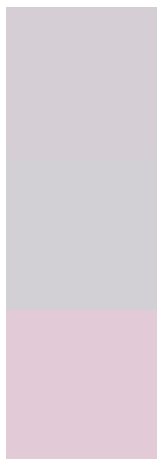


This preview shows how white text looks on a background with the Yxy color 63.5759, 0.3130, 0.3222.

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

63.5759, 0.3130, 0.3222

Protanopia

63.7647, 0.3115, 0.3233

Deuteranopia

63.2649, 0.3226, 0.3158



Tritanopia

63.7127, 0.3076, 0.3111

Trichromacy



Original Color

63.5759, 0.3130, 0.3222

Protanomaly

63.9129, 0.3122, 0.3233

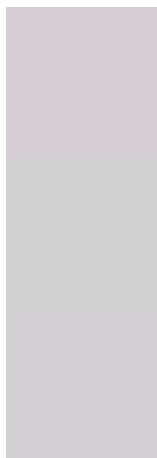
Deuteranomaly

63.4129, 0.3186, 0.3179

Tritanomaly

63.5532, 0.3097, 0.3144

Monochromacy



Original Color

63.5759, 0.3130, 0.3222

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4665, 0.3128, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5759, 0.3130, 0.3222 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(213, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 213)  
}
```

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(213, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.5759, 0.3130, 0.3222 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(213, 207, 213) }
```

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

```
.border{ border-color:rgb(213, 207, 213) }
```

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

Here you see how a box with a 4 pixel rgb(213, 207, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5759, 0.3130, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 213) }
```

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

```
.background{ background-color: rgb(213,  
207, 213) }
```

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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