

Converting Colors

Yxy(63.9248, 0.3088, 0.3143)

Have a look what the booklet for
Yxy(63.9248, 0.3088, 0.3143)
contains.

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Color

Yxy(64.0891, 0.3089, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D6CFDC
RGB	214, 207, 220
RGB Percent	84%, 81%, 86%
CMY	0.1608, 0.1882, 0.1371
CMYK	0.03, 0.06, 0.00, 0.14
HSL	272°, 16%, 84%
HSV	272°, 6%, 86%
XYZ	62.9679, 64.0891, 76.7887
YIQ	210.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

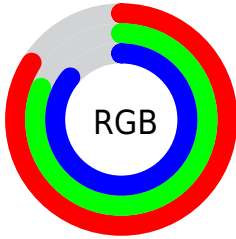
Format	Color
RYB	214, 207, 220
Decimal	14077916
CIELab	84.01, 4.79, -5.59
CIELCh	84, 7.360, 310.602
Yxy	64.0891, 0.3089, 0.3144
Android (android.graphics.Color)	4292267996 (0xFFD6CFDC)
YUV	210.5750, 4.6465, 3.0037
Hunter-Lab	80.0557, 0.3021, -0.8315

Details

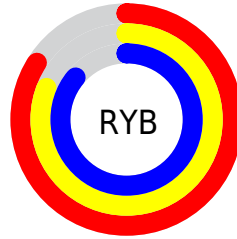
The Yxy color **64.0891, 0.3089, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8633, 0.3164, 0.3436**, and the grayscale version is **64.8187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8700, 0.3076, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **52.6783, 0.3016, 0.2882**, and if you desaturate by 10%, it is **77.0869, 0.3151, 0.3386**.

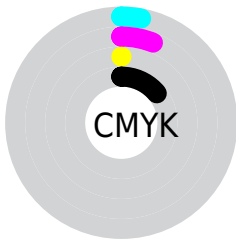
Distribution



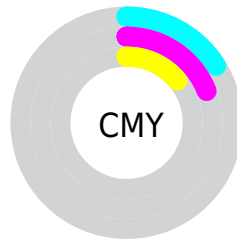
- Red (84%)
- Green (81%)
- Blue (86%)



- Red (84%)
- Yellow (81%)
- Blue (86%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0891, 0.3089, 0.3144 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 64.0891, 0.3089, 0.3144 by changing the saturation by 10% instead.

■ 64.0891, 0.3089,
0.3144

■ 64.0891, 0.3089,
0.3144

439.5113, 0.3107,
0.3213

■ 46.7228, 0.3085,
0.3128

110.7392, 0.3096,
0.3168

■ 32.8166, 0.3079,
0.3108

140.7919, 0.3098,
0.3177

■ 21.9860, 0.3072,
0.3083

175.8422, 0.3100,
0.3185

■ 13.8466, 0.3062,
0.3050

216.2745, 0.3102,
0.3192

■ 8.0141, 0.3049,
0.3003

262.4731, 0.3104,
0.3198

■ 4.1039, 0.3028,
0.2935

314.8225, 0.3105,

■ 1.7319, 0.2993,

0.3204

0.2824

373.7071, 0.3106,
0.3208

0.4442, 0.2902,
0.2391

0.0000, 0.0000,
0.0000

64.0891, 0.3089,
0.3144

64.0891, 0.3089,
0.3144

52.6783, 0.3016,
0.2882

77.0869, 0.3151,
0.3386

42.7835, 0.2930,
0.2602

91.7227, 0.3203,
0.3606

34.3402, 0.2833,
0.2311

96.0203, 0.3265,
0.3638

27.2763, 0.2724,
0.2018

97.8973, 0.3331,
0.3631

■ 21.5131, 0.2606,
0.1735

■ 97.9494, 0.3333,
0.3631

■ 16.9637, 0.2483,
0.1475

■ 13.5304, 0.2359,
0.1253

■ 11.0994, 0.2239,
0.1080

■ 9.5302, 0.2129,
0.0962

Harmonies

Analogous

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



64.0891, 0.3007, 0.3134



64.0891, 0.3089, 0.3144



64.0891, 0.3183, 0.3192

Triad

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



64.0891, 0.3089, 0.3144



64.0891, 0.3300, 0.3414



64.0891, 0.2993, 0.3313

Complementary

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



64.0891, 0.3089, 0.3144



69.8633, 0.3164, 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.



64.0891, 0.3070, 0.3392



64.0891, 0.3089, 0.3144



64.0891, 0.3248, 0.3449

Square

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



64.0891, 0.3089, 0.3144



64.0891, 0.3306, 0.3346



64.0891, 0.3163, 0.3442



64.0891, 0.2952, 0.3230

Rectangle

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



64.0891, 0.3089, 0.3144



64.0891, 0.3239, 0.3239



64.0891, 0.3163, 0.3442



64.0891, 0.3016, 0.3341

Sweetspot

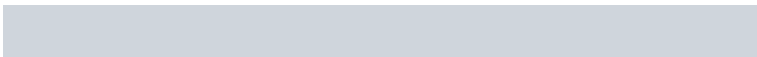
The Sweet Spot groups the original color and five complimentary colors.



64.0918, 0.3089, 0.3144



96.3443, 0.3115, 0.3241



66.0659, 0.3036, 0.3211



20.6600, 0.3115, 0.3244



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.



64.0918, 0.3089, 0.3144



87.6026, 0.3081, 0.3115



64.9935, 0.3137, 0.3151



13.4411, 0.3078, 0.3103



5.3693, 0.2102, 0.0932



0.3989, 0.2274, 0.1026

Inverse Universe

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



64.6528, 0.3183, 0.3223



88.5328, 0.3195, 0.3210



68.9990, 0.3117, 0.3433



13.5949, 0.3200, 0.3204



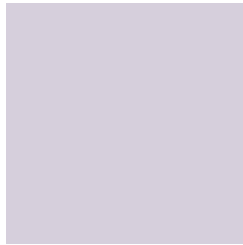
9.5123, 0.5107, 0.2587



0.6335, 0.4718, 0.2373

Previews

White Background



This preview shows how the Yxy color 64.0891, 0.3089, 0.3144 looks on a white background.

Color Contrast Check

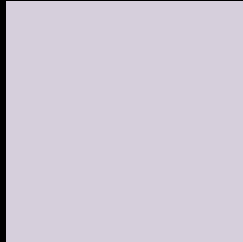
Large Text (above 18pt) WCAG AA × Fail

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 64.0891, 0.3089, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

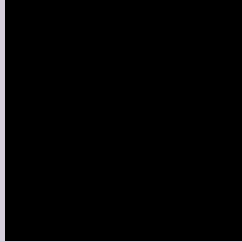
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

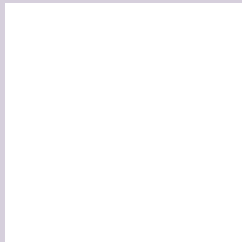
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0891, 0.3089, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 64.0891, 0.3089, 0.3144.

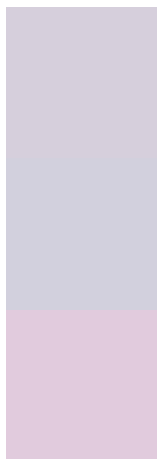


This preview shows how white text looks on a background with the Yxy color 64.0891, 0.3089, 0.3144.

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

64.0891, 0.3089, 0.3144

Protanopia

64.0338, 0.3053, 0.3143

Deuteranopia

63.9399, 0.3167, 0.3093



Tritanopia

64.2495, 0.3069, 0.3112

Trichromacy



Original Color

64.0891, 0.3089, 0.3144

Protanomaly

64.1811, 0.3060, 0.3144

Deuteranomaly

63.7783, 0.3136, 0.3103

Tritanomaly

64.1957, 0.3075, 0.3123

Monochromacy



Original Color

64.0891, 0.3089, 0.3144

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9453, 0.3114, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0891, 0.3089, 0.3144 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(214, 207, 220)` looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 220)  
}
```

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(214, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 220) }
```

Border

The CSS property to change the border of an element to Yxy 64.0891, 0.3089, 0.3144 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(214, 207, 220) }
```

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

```
.border{ border-color:rgb(214, 207, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0891, 0.3089, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 220) }
```

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

```
.background{ background-color: rgb(214,  
207, 220) }
```

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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