

Converting Colors

Yxy(56.6913, 0.3066, 0.3111)

Have a look what the booklet for
Yxy(56.6913, 0.3066, 0.3111)
contains.

Yxy(56.7396, 0.3065, 0.3114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.7396, 0.3065, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	CAC4D3
RGB	202, 196, 211
RGB Percent	79%, 77%, 83%
CMY	0.2080, 0.2313, 0.1726
CMYK	0.04, 0.07, 0.00, 0.17
HSL	264°, 15%, 80%
HSV	264°, 7%, 83%
XYZ	55.8468, 56.7396, 69.6217
YIQ	199.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

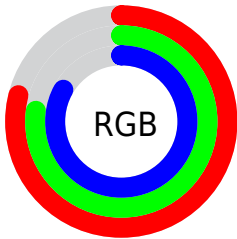
Format	Color
R _Y B	202, 196, 211
Decimal	13288659
CIE Lab	80.03, 4.85, -6.73
CIE LCh	80, 8.294, 305.778
Yxy	56.7396, 0.3065, 0.3114
Android (android.graphics.Color)	4291478739 (0xFFCAC4D3)
YUV	199.5040, 5.6675, 2.1890
Hunter-Lab	75.3257, 0.5207, -2.0723

Details

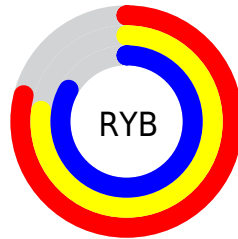
The Yxy color **56.7396, 0.3065, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5468, 0.3186, 0.3465**, and the grayscale version is **57.4018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.0762, 0.3044, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **46.1840, 0.2965, 0.2846**, and if you desaturate by 10%, it is **68.7842, 0.3151, 0.3359**.

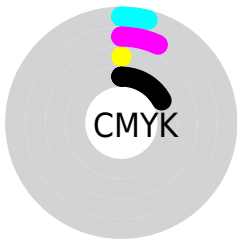
Distribution



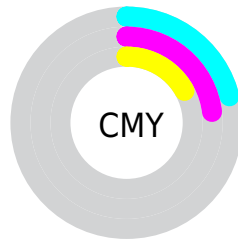
- Red (79%)
- Green (77%)
- Blue (83%)



- Red (79%)
- Yellow (77%)
- Blue (83%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7396, 0.3065, 0.3114 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 56.7396, 0.3065, 0.3114 by changing the saturation by 10% instead.

■ 56.7396, 0.3065,
0.3114

■ 56.7396, 0.3065,
0.3114

■ 412.4728, 0.3095,
0.3198

■ 40.7962, 0.3058,
0.3094

■ 100.0851, 0.3076,
0.3144

■ 28.1599, 0.3048,
0.3069

■ 128.2561, 0.3080,
0.3155

■ 18.4462, 0.3036,
0.3036

■ 161.2716, 0.3084,
0.3165

■ 11.2708, 0.3019,
0.2993

■ 199.5162, 0.3087,
0.3174

■ 6.2493, 0.2995,
0.2931

■ 243.3743, 0.3089,
0.3181

■ 2.9973, 0.2957,
0.2837

■ 293.2301, 0.3092,

■ 1.1303, 0.2889,

0.3187

0.2678

349.4682, 0.3094,
0.3193

0.0036, 0.2031,
0.0061

0.0000, 0.0000,
0.0000

56.7396, 0.3065,
0.3114

56.7396, 0.3065,
0.3114

46.1840, 0.2965,
0.2846

68.7842, 0.3151,
0.3359

37.0510, 0.2850,
0.2556

82.3663, 0.3223,
0.3579

29.2802, 0.2721,
0.2251

94.7600, 0.3290,
0.3735

22.8036, 0.2578,
0.1940

97.0621, 0.3373,
0.3723

■ 17.5472, 0.2427,
0.1637

■ 97.4821, 0.3388,
0.3721

■ 13.4296, 0.2272,
0.1357

■ 10.3586, 0.2122,
0.1119

■ 8.2272, 0.1984,
0.0935

■ 6.8940, 0.1865,
0.0813

Harmonies

Analogous

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



56.7396, 0.2973, 0.3109



56.7396, 0.3065, 0.3114



56.7396, 0.3175, 0.3164

Triad

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



56.7396, 0.3065, 0.3114



56.7396, 0.3335, 0.3424



56.7396, 0.2982, 0.3333

Complementary

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



56.7396, 0.3065, 0.3114



63.5468, 0.3186, 0.3465

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.



56.7396, 0.3077, 0.3422



56.7396, 0.3065, 0.3114



56.7396, 0.3282, 0.3474

Square

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



56.7396, 0.3065, 0.3114



56.7396, 0.3332, 0.3341



56.7396, 0.3187, 0.3474



56.7396, 0.2926, 0.3234

Rectangle

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



56.7396, 0.3065, 0.3114



56.7396, 0.3244, 0.3216



56.7396, 0.3187, 0.3474



56.7396, 0.3011, 0.3365

Sweetspot

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



56.7420, 0.3065, 0.3114



96.2115, 0.3110, 0.3241



60.2192, 0.3018, 0.3222



20.6329, 0.3111, 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.



56.7420, 0.3065, 0.3114



83.6947, 0.3046, 0.3062



57.7787, 0.3122, 0.3117



11.6440, 0.3043, 0.3054



4.0313, 0.1848, 0.0792



0.2710, 0.2059, 0.0908

Inverse Universe

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



57.7419, 0.3179, 0.3186



85.6469, 0.3195, 0.3156



62.5378, 0.3132, 0.3468



11.9260, 0.3198, 0.3151



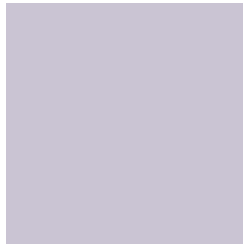
9.3035, 0.4521, 0.2264



0.5356, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 56.7396, 0.3065, 0.3114 looks on a white background.

Color Contrast Check

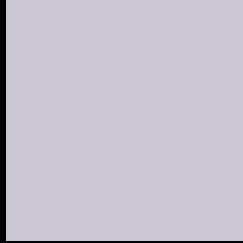
Large Text (above 18pt) WCAG AA × Fail

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 56.7396, 0.3065, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

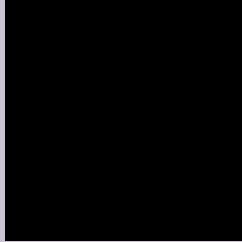
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

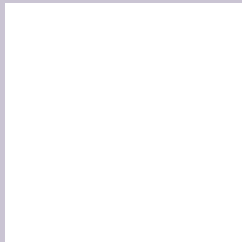
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7396, 0.3065, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 56.7396, 0.3065, 0.3114.

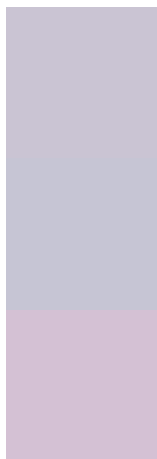


This preview shows how white text looks on a background with the Yxy color 56.7396, 0.3065, 0.3114.

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

56.7396, 0.3065, 0.3114

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.8904, 0.3137, 0.3072



Tritanopia

56.7396, 0.3065, 0.3114

Trichromacy



Original Color

56.7396, 0.3065, 0.3114

Protanomaly

56.8281, 0.3035, 0.3113

Deuteranomaly

56.7469, 0.3105, 0.3081

Tritanomaly

56.7396, 0.3065, 0.3114

Monochromacy



Original Color

56.7396, 0.3065, 0.3114

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6240, 0.3107, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7396, 0.3065, 0.3114 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(202, 196, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 196, 211)  
}
```

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(202, 196, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 196, 211) }
```

Border

The CSS property to change the border of an element to Yxy 56.7396, 0.3065, 0.3114 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(202, 196, 211) }
```

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

```
.border{ border-color:rgb(202, 196, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 196, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 196, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 196, 211);  
box-shadow:4px 4px 4px 4px rgb(202, 196,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7396, 0.3065, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 196, 211) }
```

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

```
.background{ background-color: rgb(202,  
196, 211) }
```

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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