

Converting Colors

Yxy(56.8844, 0.3121, 0.3254)

Have a look what the booklet for
Yxy(56.8844, 0.3121, 0.3254)
contains.

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Color

Yxy(56.8846, 0.3121, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C8C6C9
RGB	200, 198, 201
RGB Percent	78%, 78%, 79%
CMY	0.2156, 0.2235, 0.2117
CMYK	0.00, 0.01, 0.00, 0.21
HSL	280°, 3%, 78%
HSV	280°, 1%, 79%
XYZ	54.5596, 56.8846, 63.3702
YIQ	198.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

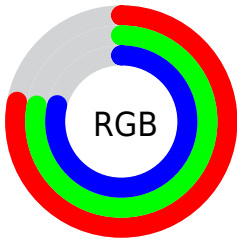
Format	Color
R _Y B	200, 198, 201
Decimal	13158089
CIE Lab	80.11, 1.25, -1.27
CIE LCh	80, 1.783, 314.685
Yxy	56.8846, 0.3121, 0.3254
Android (android.graphics.Color)	4291348169 (0xFFC8C6C9)
YUV	198.9400, 1.0156, 0.9296
Hunter-Lab	75.4219, -2.8629, 2.9793

Details

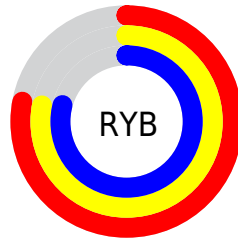
The Yxy color **56.8846, 0.3121, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9992, 0.3133, 0.3326**, and the grayscale version is **57.0709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.1641, 0.3119, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **47.3999, 0.3075, 0.3004**, and if you desaturate by 10%, it is **67.6339, 0.3159, 0.3486**.

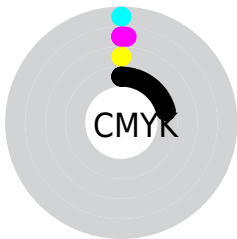
Distribution



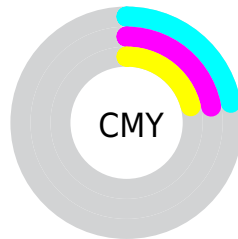
- Red (78%)
- Green (78%)
- Blue (79%)



- Red (78%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8846, 0.3121, 0.3254 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 56.8846, 0.3121, 0.3254 by changing the saturation by 10% instead.

■ 56.8846, 0.3121,
0.3254

■ 56.8846, 0.3121,
0.3254

413.0168, 0.3124,
0.3271

■ 40.9126, 0.3120,
0.3250

100.2968, 0.3122,
0.3260

■ 28.2508, 0.3119,
0.3245

128.5058, 0.3123,
0.3263

■ 18.5148, 0.3118,
0.3238

161.5625, 0.3123,
0.3265

■ 11.3202, 0.3116,
0.3228

199.8514, 0.3123,
0.3266

■ 6.2826, 0.3114,
0.3215

243.7569, 0.3123,
0.3268

■ 3.0177, 0.3110,
0.3195

293.6634, 0.3124,

■ 1.1410, 0.3104,

0.3269

0.3159

349.9552, 0.3124,
0.3270

0.0127, 0.2704,
0.0804

0.0000, 0.0000,
0.0000

56.8846, 0.3121,
0.3254

56.8846, 0.3121,
0.3254

47.3999, 0.3075,
0.3004

67.6339, 0.3159,
0.3486

39.1243, 0.3021,
0.2739

79.6859, 0.3190,
0.3699

32.0088, 0.2958,
0.2465

90.9600, 0.3218,
0.3860

25.9985, 0.2886,
0.2189

92.0229, 0.3261,
0.3853

■ 21.0338, 0.2807,
0.1922

■ 93.1280, 0.3305,
0.3845

■ 17.0492, 0.2721,
0.1674

■ 94.2756, 0.3349,
0.3838

■ 13.9720, 0.2631,
0.1458

■ 95.4662, 0.3393,
0.3830

■ 11.7188, 0.2541,
0.1285

■ 96.7002, 0.3437,
0.3822

■ 10.1902, 0.2453,
0.1160

■ 96.9977, 0.3448,
0.3820

Harmonies

Analogous

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



56.8846, 0.3099, 0.3250



56.8846, 0.3121, 0.3254



56.8846, 0.3144, 0.3267

Triad

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



56.8846, 0.3121, 0.3254



56.8846, 0.3170, 0.3323



56.8846, 0.3091, 0.3293

Complementary

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



56.8846, 0.3121, 0.3254



57.9992, 0.3133, 0.3326

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.



56.8846, 0.3110, 0.3313



56.8846, 0.3121, 0.3254



56.8846, 0.3155, 0.3331

Square

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



56.8846, 0.3121, 0.3254



56.8846, 0.3173, 0.3307



56.8846, 0.3133, 0.3327



56.8846, 0.3082, 0.3273

Rectangle

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



56.8846, 0.3121, 0.3254



56.8846, 0.3158, 0.3280



56.8846, 0.3133, 0.3327



56.8846, 0.3097, 0.3300

Sweetspot

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



56.8870, 0.3121, 0.3254

100.0000, 0.3127, 0.3290



57.0725, 0.3105, 0.3266



21.4041, 0.3127, 0.3290



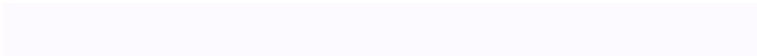
0.0000, 0.0000, 0.0000

Same Dimension

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



56.8870, 0.3121, 0.3254



96.4692, 0.3119, 0.3241



57.0017, 0.3133, 0.3260



12.1851, 0.3119, 0.3245



5.9024, 0.2394, 0.1092



0.3178, 0.2568, 0.1188

Inverse Universe

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



56.9312, 0.3144, 0.3278



96.5716, 0.3149, 0.3274



57.8859, 0.3122, 0.3320



12.1970, 0.3148, 0.3275



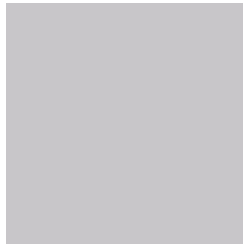
8.0759, 0.5622, 0.2871



0.3959, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 56.8846, 0.3121, 0.3254 looks on a white background.

Color Contrast Check

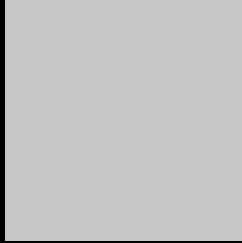
Large Text (above 18pt) WCAG AA × Fail

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 56.8846, 0.3121, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

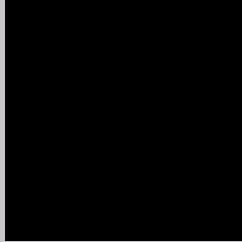
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

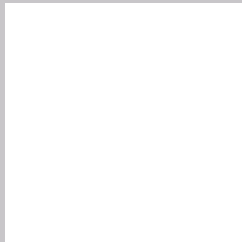
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8846, 0.3121, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 56.8846, 0.3121, 0.3254.

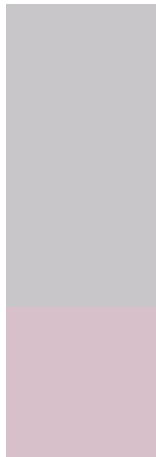


This preview shows how white text looks on a background with the Yxy color 56.8846, 0.3121, 0.3254.

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

56.8846, 0.3121, 0.3254

Protanopia

57.0227, 0.3129, 0.3254

Deuteranopia

56.5625, 0.3246, 0.3175



Tritanopia

56.7899, 0.3058, 0.3102

Trichromacy



Original Color

56.8846, 0.3121, 0.3254

Protanomaly

57.0227, 0.3129, 0.3254

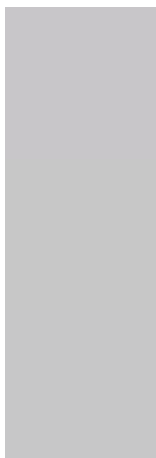
Deuteranomaly

56.5495, 0.3196, 0.3197

Tritanomaly

56.9041, 0.3079, 0.3160

Monochromacy



Original Color

56.8846, 0.3121, 0.3254

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1591, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8846, 0.3121, 0.3254 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(200, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 201)  
}
```

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(200, 198, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.8846, 0.3121, 0.3254 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(200, 198, 201) }
```

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

```
.border{ border-color:rgb(200, 198, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
201) }
```

Background

The CSS property to change the background color of an element to Yxy 56.8846, 0.3121, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 201) }
```

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

```
.background{ background-color: rgb(200,  
198, 201) }
```

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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