

Converting Colors

Yxy(56.3389, 0.3106, 0.3230)

Have a look what the booklet for
Yxy(56.3389, 0.3106, 0.3230)
contains.

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Color

Yxy(56.3389, 0.3106, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C7C5CA
RGB	199, 197, 202
RGB Percent	78%, 77%, 79%
CMY	0.2197, 0.2274, 0.2078
CMYK	0.02, 0.02, 0.00, 0.21
HSL	263°, 5%, 78%
HSV	263°, 2%, 79%
XYZ	54.1760, 56.3389, 63.9089
YIQ	198.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

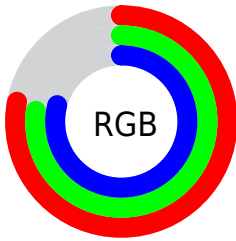
Format	Color
R _Y B	199, 197, 202
Decimal	13092298
CIE Lab	79.81, 1.61, -2.27
CIE LCh	80, 2.782, 305.282
Yxy	56.3389, 0.3106, 0.3230
Android (android.graphics.Color)	4291282378 (0xFFC7C5CA)
YUV	198.1680, 1.8892, 0.7297
Hunter-Lab	75.0592, -2.5165, 2.0592

Details

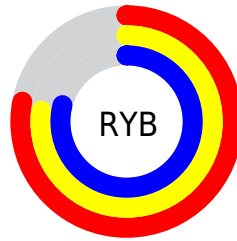
The Yxy color **56.3389, 0.3106, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5710, 0.3148, 0.3350**, and the grayscale version is **56.5675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **27.8028, 0.3099, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **46.1575, 0.3012, 0.2973**, and if you desaturate by 10%, it is **67.8907, 0.3186, 0.3463**.

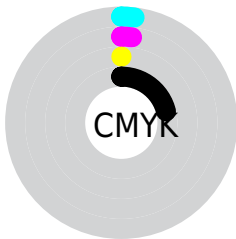
Distribution



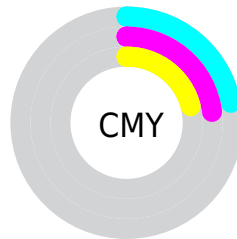
- Red (78%)
- Green (77%)
- Blue (79%)



- Red (78%)
- Yellow (77%)
- Blue (79%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3389, 0.3106, 0.3230 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 56.3389, 0.3106, 0.3230 by changing the saturation by 10% instead.

■ 56.3389, 0.3106,
0.3230

■ 56.3389, 0.3106,
0.3230

410.9674, 0.3116,
0.3259

■ 40.4747, 0.3104,
0.3223

99.4999, 0.3110,
0.3240

■ 27.9089, 0.3100,
0.3214

127.5655, 0.3111,
0.3244

■ 18.2570, 0.3096,
0.3203

160.4671, 0.3112,
0.3248

■ 11.1346, 0.3091,
0.3187

198.5889, 0.3113,
0.3251

■ 6.1575, 0.3082,
0.3165

242.3155, 0.3114,
0.3253

■ 2.9411, 0.3070,
0.3131

292.0312, 0.3115,

■ 1.1010, 0.3047,

0.3255

0.3071

348.1203, 0.3116,
0.3257

0.0000, 0.1222,
0.0000

0.0000, 0.0000,
0.0000

56.3389, 0.3106,
0.3230

56.3389, 0.3106,
0.3230

46.1575, 0.3012,
0.2973

67.8907, 0.3186,
0.3463

37.2874, 0.2903,
0.2693

80.8546, 0.3254,
0.3671

29.6760, 0.2779,
0.2395

93.5973, 0.3315,
0.3832

23.2644, 0.2641,
0.2085

95.7748, 0.3396,
0.3818

■ 17.9884, 0.2492,
0.1776

■ 97.0453, 0.3442,
0.3810

■ 13.7782, 0.2337,
0.1483

■ 10.5557, 0.2183,
0.1223

■ 8.2316, 0.2038,
0.1011

■ 6.6993, 0.1909,
0.0859

Harmonies

Analogous

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



56.3389, 0.3075, 0.3229



56.3389, 0.3106, 0.3230



56.3389, 0.3143, 0.3247

Triad

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



56.3389, 0.3106, 0.3230



56.3389, 0.3197, 0.3335



56.3389, 0.3079, 0.3305

Complementary

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



56.3389, 0.3106, 0.3230



58.5710, 0.3148, 0.3350

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.



56.3389, 0.3111, 0.3334



56.3389, 0.3106, 0.3230



56.3389, 0.3180, 0.3352

Square

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



56.3389, 0.3106, 0.3230



56.3389, 0.3196, 0.3307



56.3389, 0.3148, 0.3351



56.3389, 0.3059, 0.3272

Rectangle

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



56.3389, 0.3106, 0.3230



56.3389, 0.3166, 0.3265



56.3389, 0.3148, 0.3351



56.3389, 0.3089, 0.3316

Sweetspot

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



56.3413, 0.3106, 0.3230



98.0905, 0.3119, 0.3266



57.4927, 0.3089, 0.3267



21.0155, 0.3119, 0.3267



0.0000, 0.0000, 0.0000



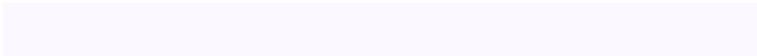
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3413, 0.3106, 0.3230



94.3429, 0.3101, 0.3216



56.6814, 0.3125, 0.3230



12.3615, 0.3095, 0.3198



3.8615, 0.1838, 0.0786



0.2428, 0.2064, 0.0911

Inverse Universe

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



56.6705, 0.3144, 0.3254



95.0246, 0.3148, 0.3245



58.2340, 0.3129, 0.3350



12.4731, 0.3154, 0.3235



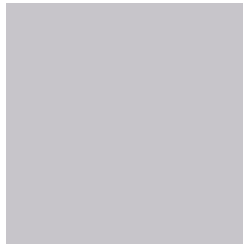
9.0183, 0.4491, 0.2248



0.4799, 0.4176, 0.2074

Previews

White Background



This preview shows how the Yxy color 56.3389, 0.3106, 0.3230 looks on a white background.

Color Contrast Check

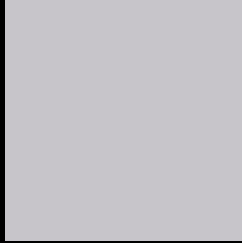
Large Text (above 18pt) WCAG AA × Fail

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 56.3389, 0.3106, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

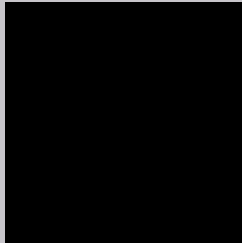
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

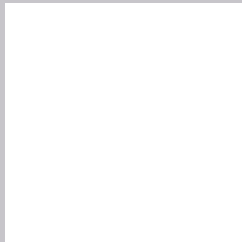
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3389, 0.3106, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 56.3389, 0.3106, 0.3230.

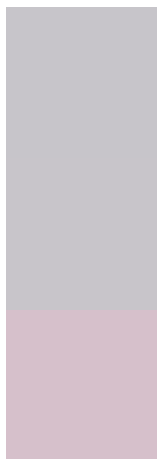


This preview shows how white text looks on a background with the Yxy color 56.3389, 0.3106, 0.3230.

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

56.3389, 0.3106, 0.3230

Protanopia

56.4761, 0.3114, 0.3230

Deuteranopia

56.3072, 0.3222, 0.3163



Tritanopia

56.4624, 0.3050, 0.3113

Trichromacy



Original Color

56.3389, 0.3106, 0.3230

Protanomaly

56.4761, 0.3114, 0.3230

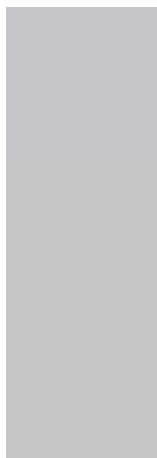
Deuteranomaly

56.4507, 0.3180, 0.3185

Tritanomaly

56.3133, 0.3071, 0.3148

Monochromacy



Original Color

56.3389, 0.3106, 0.3230

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5175, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3389, 0.3106, 0.3230 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 $rgb(199, 197, 202)$ looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 202)  
}
```

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(199, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.3389, 0.3106, 0.3230 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(199, 197, 202) }
```

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

```
.border{ border-color:rgb(199, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3389, 0.3106, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 202) }
```

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

```
.background{ background-color: rgb(199,  
197, 202) }
```

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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