

Converting Colors

Yxy(56.6813, 0.3083, 0.3317)

Have a look what the booklet for
Yxy(56.6813, 0.3083, 0.3317)
contains.

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Color

Yxy(56.5922, 0.3080, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C0C8C6
RGB	192, 200, 198
RGB Percent	75%, 78%, 78%
CMY	0.2468, 0.2157, 0.2235
CMYK	0.04, 0.00, 0.01, 0.22
HSL	165°, 7%, 77%
HSV	165°, 4%, 78%
XYZ	52.5963, 56.5922, 61.5786
YIQ	197.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

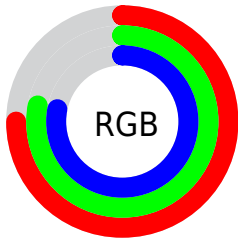
Format	Color
RYB	192, 197, 200
Decimal	12634310
CIELab	79.95, -3.08, 0.04
CIElCh	80, 3.081, 179.323
Yxy	56.5922, 0.3080, 0.3314
Android (android.graphics.Color)	4290824390 (0xFFC0C8C6)
YUV	197.3800, 0.3057, -4.7183
Hunter-Lab	75.2278, -6.8486, 4.1269

Details

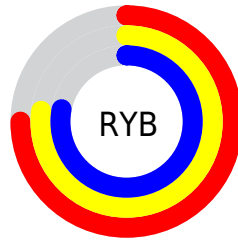
The Yxy color **56.5922, 0.3080, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8992, 0.3177, 0.3266**, and the grayscale version is **56.0826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **28.0604, 0.3074, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **53.9307, 0.2964, 0.3379**, and if you desaturate by 10%, it is **59.6209, 0.3200, 0.3255**.

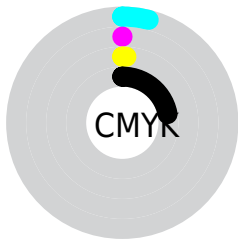
Distribution



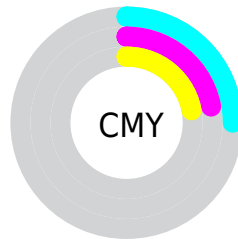
- Red (75%)
- Green (78%)
- Blue (78%)



- Red (75%)
- Yellow (77%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5922, 0.3080, 0.3314 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 56.5922, 0.3080, 0.3314 by changing the saturation by 10% instead.

■ 56.5922, 0.3080,
0.3314

■ 56.5922, 0.3080,
0.3314

411.9195, 0.3103,
0.3302

■ 40.6779, 0.3075,
0.3317

■ 99.8699, 0.3088,
0.3310

■ 28.0675, 0.3068,
0.3320

128.0021, 0.3091,
0.3308

■ 18.3766, 0.3059,
0.3325

160.9758, 0.3094,
0.3307

■ 11.2207, 0.3046,
0.3331

199.1753, 0.3096,
0.3306

■ 6.2155, 0.3029,
0.3340

242.9850, 0.3098,
0.3305

■ 2.9765, 0.3001,
0.3354

292.7893, 0.3100,

■ 1.1195, 0.2953,

0.3304

348.9727, 0.3101,
0.3303

0.3378

0.0000, 0.0000,
0.0000

56.5922, 0.3080,
0.3314

56.5922, 0.3080,
0.3314

53.9307, 0.2964,
0.3379

59.6209, 0.3200,
0.3255

51.6149, 0.2854,
0.3450

63.0231, 0.3320,
0.3203

49.6321, 0.2752,
0.3528

66.8139, 0.3441,
0.3157

47.9657, 0.2663,
0.3611

67.6266, 0.3425,
0.3107

46.5980, 0.2588,
0.3698

67.8927, 0.3387,
0.3057

■ 45.5095, 0.2530,
0.3789

■ 68.1667, 0.3349,
0.3008

■ 44.6781, 0.2492,
0.3882

■ 68.4489, 0.3311,
0.2959

■ 44.0786, 0.2473,
0.3975

■ 68.7391, 0.3274,
0.2910

■ 43.6803, 0.2473,
0.4068

■ 69.0376, 0.3238,
0.2863

Harmonies

Analogous

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



56.5922, 0.3118, 0.3344



56.5922, 0.3080, 0.3314



56.5922, 0.3055, 0.3278

Triad

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



56.5922, 0.3080, 0.3314



56.5922, 0.3096, 0.3222



56.5922, 0.3206, 0.3335

Complementary

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



56.5922, 0.3080, 0.3314



53.8992, 0.3177, 0.3266

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.



56.5922, 0.3200, 0.3302



56.5922, 0.3080, 0.3314



56.5922, 0.3136, 0.3237

Square

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



56.5922, 0.3080, 0.3314



56.5922, 0.3064, 0.3225



56.5922, 0.3175, 0.3266



56.5922, 0.3190, 0.3356

Rectangle

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



56.5922, 0.3080, 0.3314



56.5922, 0.3049, 0.3255



56.5922, 0.3175, 0.3266



56.5922, 0.3206, 0.3325

Sweetspot

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



56.5946, 0.3080, 0.3314



99.4785, 0.3115, 0.3296



56.6037, 0.3139, 0.3387



21.2980, 0.3116, 0.3296



0.0000, 0.0000, 0.0000



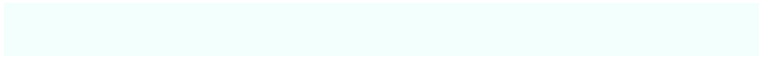
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5946, 0.3080, 0.3314



97.4577, 0.3067, 0.3321



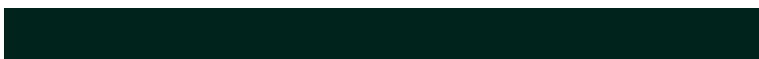
55.8348, 0.3066, 0.3267



12.2426, 0.3060, 0.3324



27.6794, 0.2475, 0.4111



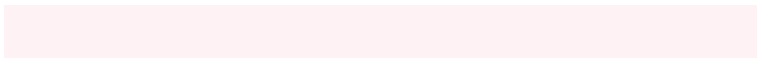
1.3217, 0.2422, 0.3918

Inverse Universe

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



53.8992, 0.3177, 0.3266



91.5327, 0.3191, 0.3259



54.6288, 0.3190, 0.3313



11.4176, 0.3198, 0.3256



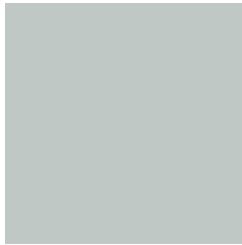
7.9667, 0.5907, 0.3028



0.3893, 0.5295, 0.2691

Previews

White Background



This preview shows how the Yxy color 56.5922, 0.3080, 0.3314 looks on a white background.

Color Contrast Check

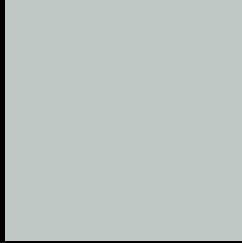
Large Text (above 18pt) WCAG AA × Fail

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 56.5922, 0.3080, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

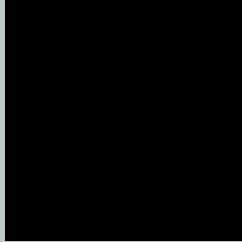
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

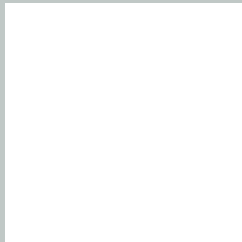
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5922, 0.3080, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 56.5922, 0.3080, 0.3314.



This preview shows how white text looks on a background with the Yxy color 56.5922, 0.3080, 0.3314.

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

56.5922, 0.3080, 0.3314

Protanopia

56.4746, 0.3174, 0.3302

Deuteranopia

56.4683, 0.3262, 0.3198



Tritanopia

56.7944, 0.2997, 0.3111

Trichromacy



Original Color

56.5922, 0.3080, 0.3314

Protanomaly

56.4252, 0.3134, 0.3302

Deuteranomaly

56.4191, 0.3193, 0.3243

Tritanomaly

56.8702, 0.3025, 0.3182

Monochromacy



Original Color

56.5922, 0.3080, 0.3314

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0215, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5922, 0.3080, 0.3314 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(192, 200, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 198)  
}
```

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(192, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.5922, 0.3080, 0.3314 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(192, 200, 198) }
```

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

```
.border{ border-color:rgb(192, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 200, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 200, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 200,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5922, 0.3080, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 198) }
```

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

```
.background{ background-color: rgb(192,  
200, 198) }
```

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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