

Converting Colors

Yxy(56.8787, 0.3028, 0.3101)

Have a look what the booklet for
Yxy(56.8787, 0.3028, 0.3101)
contains.

Yxy(56.8787, 0.3028, 0.3101)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8787, 0.3028, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	C7C5D5
RGB	199, 197, 213
RGB Percent	78%, 77%, 84%
CMY	0.2194, 0.2275, 0.1647
CMYK	0.07, 0.08, 0.00, 0.16
HSL	248°, 16%, 80%
HSV	248°, 8%, 84%
XYZ	55.5397, 56.8787, 71.0021
YIQ	199.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

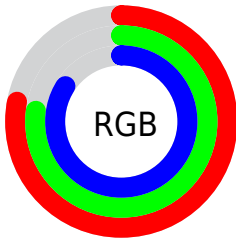
Format	Color
R_{YB}	199, 197, 213
Decimal	13092309
CIE Lab	80.11, 3.74, -7.72
CIE LCh	80, 8.583, 295.847
Yxy	56.8787, 0.3028, 0.3101
Android (android.graphics.Color)	4291282389 (0xFFC7C5D5)
YUV	199.4220, 6.6940, -0.3701
Hunter-Lab	75.4180, -0.5295, -3.0259

Details

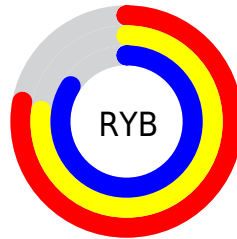
The Yxy color **56.8787, 0.3028, 0.3101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4594, 0.3222, 0.3474**, and the grayscale version is **57.3506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.1333, 0.3004, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **45.4962, 0.2879, 0.2822**, and if you desaturate by 10%, it is **69.9422, 0.3158, 0.3349**.

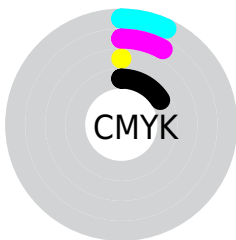
Distribution



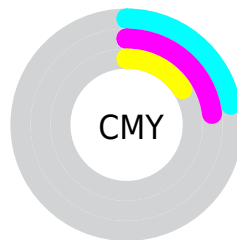
- Red (78%)
- Green (77%)
- Blue (84%)



- Red (78%)
- Yellow (77%)
- Blue (84%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8787, 0.3028, 0.3101 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 56.8787, 0.3028, 0.3101 by changing the saturation by 10% instead.

■ 56.8787, 0.3028,
0.3101

■ 56.8787, 0.3028,
0.3101

412.9946, 0.3076,
0.3192

■ 40.9079, 0.3016,
0.3079

100.2882, 0.3045,
0.3133

■ 28.2471, 0.3002,
0.3052

128.4956, 0.3052,
0.3145

■ 18.5120, 0.2983,
0.3018

161.5507, 0.3057,
0.3156

■ 11.3182, 0.2957,
0.2971

199.8378, 0.3062,
0.3165

■ 6.2813, 0.2919,
0.2904

243.7414, 0.3066,
0.3173

■ 3.0169, 0.2861,
0.2803

293.6458, 0.3070,

■ 1.1405, 0.2760,

0.3180

0.2632

349.9354, 0.3073,
0.3186

0.0123, 0.1541,
0.0184

0.0000, 0.0000,
0.0000

56.8787, 0.3028,
0.3101

56.8787, 0.3028,
0.3101

45.4962, 0.2879,
0.2822

69.9422, 0.3158,
0.3349

35.7194, 0.2712,
0.2514

84.7436, 0.3269,
0.3566

27.4779, 0.2527,
0.2183

97.5307, 0.3374,
0.3701

20.6933, 0.2331,
0.1840

97.5842, 0.3376,
0.3701

■ 15.2804, 0.2132,
0.1502

■ 11.1448, 0.1942,
0.1193

■ 8.1803, 0.1776,
0.0936

■ 6.2631, 0.1647,
0.0751

■ 5.2270, 0.1560,
0.0644

Harmonies

Analogous

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



56.8787, 0.2945, 0.3113



56.8787, 0.3028, 0.3101



56.8787, 0.3139, 0.3138

Triad

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



56.8787, 0.3028, 0.3101



56.8787, 0.3348, 0.3403



56.8787, 0.3007, 0.3368

Complementary

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



56.8787, 0.3028, 0.3101



65.4594, 0.3222, 0.3474

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.



56.8787, 0.3113, 0.3449



56.8787, 0.3028, 0.3101



56.8787, 0.3311, 0.3468

Square

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



56.8787, 0.3028, 0.3101



56.8787, 0.3325, 0.3310



56.8787, 0.3224, 0.3486



56.8787, 0.2933, 0.3265

Rectangle

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



56.8787, 0.3028, 0.3101



56.8787, 0.3213, 0.3185



56.8787, 0.3224, 0.3486



56.8787, 0.3040, 0.3399

Sweetspot

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



56.8811, 0.3028, 0.3101



95.9562, 0.3102, 0.3241



63.3277, 0.3012, 0.3268



20.5809, 0.3103, 0.3243



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.



56.8811, 0.3028, 0.3101



82.6249, 0.3006, 0.3059



57.9775, 0.3088, 0.3105



12.0846, 0.3001, 0.3050



3.1053, 0.1551, 0.0628



0.2131, 0.1675, 0.0696

Inverse Universe

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



58.7739, 0.3151, 0.3131



86.0323, 0.3156, 0.3097



64.3341, 0.3164, 0.3477



12.6039, 0.3157, 0.3089



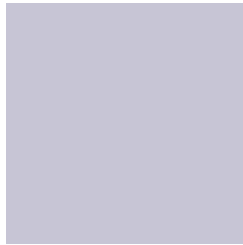
10.8056, 0.3561, 0.1736



0.6596, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 56.8787, 0.3028, 0.3101 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 56.8787, 0.3028, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

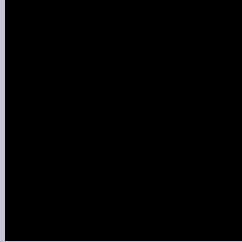
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

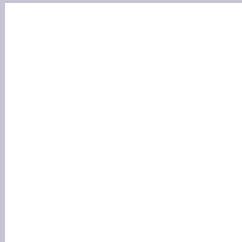
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8787, 0.3028, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 56.8787, 0.3028, 0.3101.

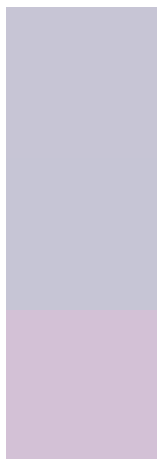


This preview shows how white text looks on a background with the Yxy color 56.8787, 0.3028, 0.3101.

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

56.8787, 0.3028, 0.3101

Protanopia

56.7424, 0.3020, 0.3101

Deuteranopia

56.8439, 0.3115, 0.3049



Tritanopia

56.8787, 0.3028, 0.3101

Trichromacy



Original Color

56.8787, 0.3028, 0.3101

Protanomaly

56.7424, 0.3020, 0.3101

Deuteranomaly

56.7040, 0.3083, 0.3058

Tritanomaly

56.8787, 0.3028, 0.3101

Monochromacy



Original Color

56.8787, 0.3028, 0.3101

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8899, 0.3091, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8787, 0.3028, 0.3101 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 213) }
```

Border

The CSS property to change the border of an element to Yxy 56.8787, 0.3028, 0.3101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

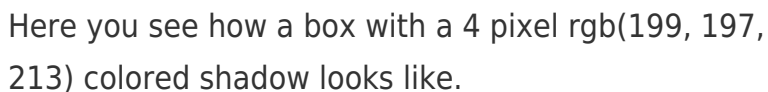
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 197, 213) }
```

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

```
.border{ border-color:rgb(199, 197, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8787, 0.3028, 0.3101 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, 213) }
```

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

```
.background{ background-color: rgb(199,  
197, 213) }
```

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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