

Converting Colors

Yxy(56.1462, 0.3024, 0.3097)

Have a look what the booklet for
Yxy(56.1462, 0.3024, 0.3097)
contains.

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Color

Yxy(56.2391, 0.3027, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	C6C4D4
RGB	198, 196, 212
RGB Percent	78%, 77%, 83%
CMY	0.2235, 0.2314, 0.1685
CMYK	0.07, 0.08, 0.00, 0.17
HSL	247°, 16%, 80%
HSV	247°, 8%, 83%
XYZ	54.9148, 56.2391, 70.2626
YIQ	198.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

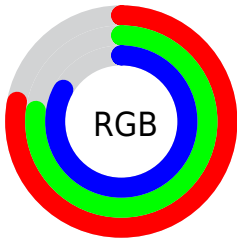
Format	Color
R _Y B	198, 196, 212
Decimal	13026516
CIE Lab	79.75, 3.73, -7.74
CIE LCh	80, 8.594, 295.700
Yxy	56.2391, 0.3027, 0.3100
Android (android.graphics.Color)	4291216596 (0xFFC6C4D4)
YUV	198.4220, 6.6940, -0.3701
Hunter-Lab	74.9927, -0.5275, -3.0554

Details

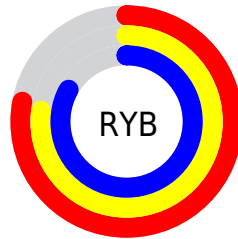
The Yxy color $56.2391, 0.3027, 0.3100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.7889, 0.3223, 0.3475$, and the grayscale version is $56.7044, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $27.7096, 0.3003, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $44.9739, 0.2878, 0.2821$, and if you desaturate by 10%, it is $69.1695, 0.3157, 0.3348$.

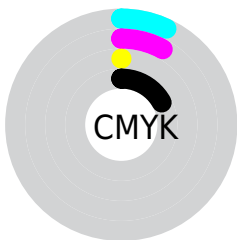
Distribution



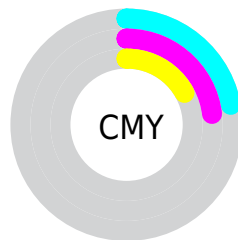
- Red (78%)
- Green (77%)
- Blue (83%)



- Red (78%)
- Yellow (77%)
- Blue (83%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2391, 0.3027, 0.3100 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 56.2391, 0.3027, 0.3100 by changing the saturation by 10% instead.

■ 56.2391, 0.3027,
0.3100

■ 56.2391, 0.3027,
0.3100

■ 410.5919, 0.3076,
0.3191

■ 40.3947, 0.3015,
0.3078

■ 99.3541, 0.3044,
0.3132

■ 27.8464, 0.3000,
0.3051

■ 127.3934, 0.3051,
0.3145

■ 18.2099, 0.2981,
0.3016

■ 160.2665, 0.3057,
0.3155

■ 11.1008, 0.2954,
0.2968

■ 198.3577, 0.3062,
0.3164

■ 6.1347, 0.2916,
0.2901

■ 242.0515, 0.3066,
0.3172

■ 2.9271, 0.2857,
0.2798

■ 291.7322, 0.3070,

■ 1.0938, 0.2752,

0.3179

0.2622

347.7842, 0.3073,
0.3186

0.0000, 0.1123,
0.0000

0.0000, 0.0000,
0.0000

56.2391, 0.3027,
0.3100

56.2391, 0.3027,
0.3100

44.9739, 0.2878,
0.2821

69.1695, 0.3157,
0.3348

35.2993, 0.2709,
0.2513

83.8217, 0.3270,
0.3565

27.1455, 0.2524,
0.2181

97.2822, 0.3373,
0.3712

20.4349, 0.2327,
0.1838

97.5346, 0.3381,
0.3710

■ 15.0827, 0.2128,
0.1500

■ 10.9957, 0.1938,
0.1190

■ 8.0683, 0.1772,
0.0933

■ 6.1778, 0.1643,
0.0749

■ 5.1587, 0.1558,
0.0642

Harmonies

Analogous

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



56.2391, 0.2944, 0.3112



56.2391, 0.3027, 0.3100



56.2391, 0.3138, 0.3137

Triad

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



56.2391, 0.3027, 0.3100



56.2391, 0.3350, 0.3403



56.2391, 0.3006, 0.3369

Complementary

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



56.2391, 0.3027, 0.3100



64.7889, 0.3223, 0.3475

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.



56.2391, 0.3113, 0.3451



56.2391, 0.3027, 0.3100



56.2391, 0.3312, 0.3469

Square

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



56.2391, 0.3027, 0.3100



56.2391, 0.3326, 0.3309



56.2391, 0.3225, 0.3487



56.2391, 0.2932, 0.3266

Rectangle

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



56.2391, 0.3027, 0.3100



56.2391, 0.3213, 0.3184



56.2391, 0.3225, 0.3487



56.2391, 0.3040, 0.3400

Sweetspot

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



56.2415, 0.3027, 0.3100



95.9524, 0.3101, 0.3241



62.6598, 0.3011, 0.3268



20.5802, 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.



56.2415, 0.3027, 0.3100



82.6094, 0.3005, 0.3059



57.3402, 0.3088, 0.3104



12.0823, 0.3001, 0.3050



3.0977, 0.1549, 0.0627



0.2119, 0.1670, 0.0694

Inverse Universe

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



58.1354, 0.3151, 0.3129



86.0381, 0.3156, 0.3096



63.6606, 0.3164, 0.3478



12.6048, 0.3157, 0.3088



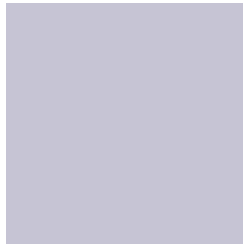
10.8273, 0.3550, 0.1729



0.6607, 0.3483, 0.1692

Previews

White Background



This preview shows how the Yxy color 56.2391, 0.3027, 0.3100 looks on a white background.

Color Contrast Check

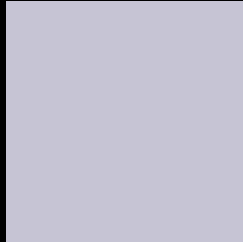
Large Text (above 18pt) WCAG AA × Fail

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 56.2391, 0.3027, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

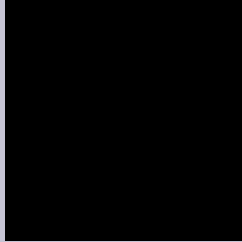
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

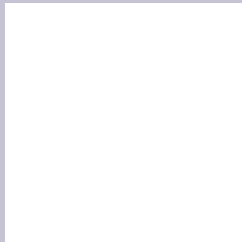
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2391, 0.3027, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 56.2391, 0.3027, 0.3100.

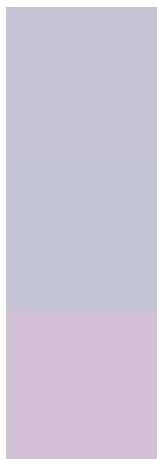


This preview shows how white text looks on a background with the Yxy color 56.2391, 0.3027, 0.3100.

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

56.2391, 0.3027, 0.3100

Protanopia

56.1036, 0.3019, 0.3100

Deuteranopia

56.2050, 0.3115, 0.3048



Tritanopia

56.2391, 0.3027, 0.3100

Trichromacy



Original Color

56.2391, 0.3027, 0.3100

Protanomaly

56.1036, 0.3019, 0.3100

Deuteranomaly

56.0658, 0.3083, 0.3057

Tritanomaly

56.2391, 0.3027, 0.3100

Monochromacy



Original Color

56.2391, 0.3027, 0.3100

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2501, 0.3091, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2391, 0.3027, 0.3100 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(198, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 212)  
}
```

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(198, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.2391, 0.3027, 0.3100 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(198, 196, 212) }
```

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

```
.border{ border-color:rgb(198, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2391, 0.3027, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 212) }
```

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

```
.background{ background-color: rgb(198,  
196, 212) }
```

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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