

Converting Colors

Yxy(57.1040, 0.3402, 0.3881)

Have a look what the booklet for
Yxy(57.1040, 0.3402, 0.3881)
contains.

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Color

Yxy(57.1881, 0.3405, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	C3CC9C
RGB	195, 204, 156
RGB Percent	76%, 80%, 61%
CMY	0.2353, 0.2000, 0.3883
CMYK	0.04, 0.00, 0.24, 0.20
HSL	71°, 32%, 71%
HSV	71°, 24%, 80%
XYZ	50.0966, 57.1881, 39.8419
YIQ	195.8370, 10.0440, -16.8360

Conversions

Conversions Part 2

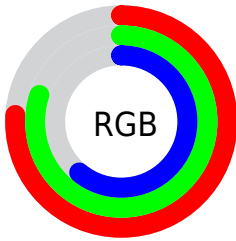
Format	Color
RYB	156, 204, 165
Decimal	12831900
CIELab	80.29, -11.14, 22.96
CIELCh	80, 25.517, 115.875
Yxy	57.1881, 0.3405, 0.3887
Android (android.graphics.Color)	4291021980 (0xFFC3CC9C)
YUV	195.8370, -19.6396, -0.7340
Hunter-Lab	75.6228, -14.0920, 21.6990

Details

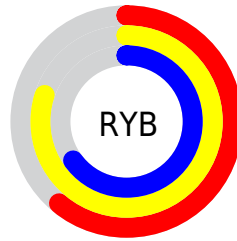
The Yxy color $57.1881, 0.3405, 0.3887$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.1301, 0.2806, 0.2647$, and the grayscale version is $55.2144, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.9186, 0.3368, 0.3723$, and $28.4749, 0.3476, 0.4058$ is the 20% darker color. If you saturate the color by 10%, you get $56.0530, 0.3520, 0.4151$, and if you desaturate by 10%, it is $58.4574, 0.3286, 0.3626$.

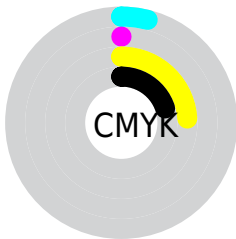
Distribution



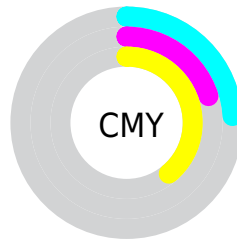
- Red (76%)
- Green (80%)
- Blue (61%)



- Red (61%)
- Yellow (80%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (24%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1881, 0.3405, 0.3887 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 57.1881, 0.3405, 0.3887 by changing the saturation by 10% instead.

 57.1881, 0.3405,
0.3887


 57.1881, 0.3405,
0.3887


414.1538, 0.3275,
0.3593

 41.1563, 0.3435,
0.3959


 100.7396, 0.3360,
0.3781

 28.4412, 0.3471,
0.4049


 129.0281, 0.3342,
0.3741

 18.6585, 0.3516,
0.4168


162.1709, 0.3327,
0.3707

 11.4238, 0.3574,
0.4329

200.5524, 0.3314,
0.3678

 6.3526, 0.3647,
0.4559

244.5571, 0.3302,
0.3653

 3.0607, 0.3740,
0.4911

294.5693, 0.3292,

 1.1635, 0.4106,

0.3630

0.5894

350.9734, 0.3283,
0.3611

■ 0.0316, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1881, 0.3405,
0.3887

■ 57.1881, 0.3405,
0.3887

■ 56.0530, 0.3520,
0.4151

■ 58.4574, 0.3286,
0.3626

■ 55.0387, 0.3627,
0.4409

■ 59.8588, 0.3168,
0.3376

■ 54.1413, 0.3720,
0.4652

■ 61.3999, 0.3054,
0.3139

■ 53.3537, 0.3795,
0.4868

■ 63.0858, 0.2944,
0.2919

■ 52.6680, 0.3846,
0.5048

■ 64.7270, 0.2860,
0.2746

■ 52.0753, 0.3872,
0.5184

■ 65.3105, 0.2887,
0.2750

■ 51.5646, 0.3872,
0.5274

■ 65.9076, 0.2913,
0.2755

■ 51.2658, 0.3863,
0.5315

■ 66.5185, 0.2940,
0.2759

■ 67.1432, 0.2967,
0.2763

Harmonies

Analogous

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



57.1881, 0.3670, 0.3811



57.1881, 0.3405, 0.3887



57.1881, 0.3074, 0.3783

Triad

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



57.1881, 0.3405, 0.3887



57.1881, 0.2505, 0.2928



57.1881, 0.3484, 0.3066

Complementary

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



57.1881, 0.3405, 0.3887



36.1301, 0.2806, 0.2647

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.



57.1881, 0.3153, 0.2858



57.1881, 0.3405, 0.3887



57.1881, 0.2599, 0.2771

Square

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



57.1881, 0.3405, 0.3887



57.1881, 0.2565, 0.3201



57.1881, 0.2831, 0.2751



57.1881, 0.3722, 0.3332

Rectangle

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



57.1881, 0.3405, 0.3887



57.1881, 0.2862, 0.3622



57.1881, 0.2831, 0.2751



57.1881, 0.3379, 0.2988

Sweetspot

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



57.1906, 0.3405, 0.3887



98.2732, 0.3210, 0.3463



42.0718, 0.3585, 0.3403



21.0038, 0.3217, 0.3478



0.0000, 0.0000, 0.0000



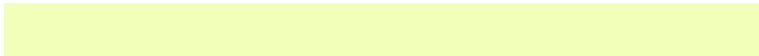
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1906, 0.3405, 0.3887



93.7701, 0.3461, 0.4014



54.2687, 0.3213, 0.3925



12.9862, 0.3237, 0.3521



32.3025, 0.3868, 0.5311



1.6947, 0.3935, 0.5258

Inverse Universe

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



36.1301, 0.2806, 0.2647



53.2057, 0.2727, 0.2496



38.9243, 0.3016, 0.2685



10.9436, 0.3011, 0.3052



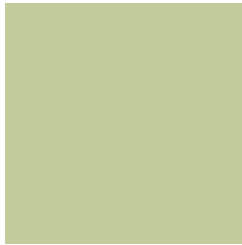
3.0371, 0.1594, 0.0652



0.1879, 0.1775, 0.0752

Previews

White Background



This preview shows how the Yxy color 57.1881, 0.3405, 0.3887 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 57.1881, 0.3405, 0.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

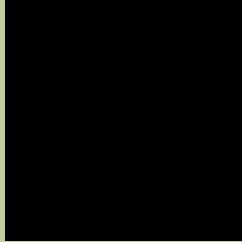
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

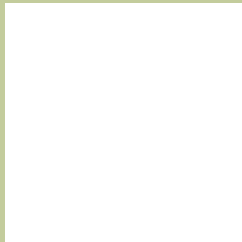
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1881, 0.3405, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 57.1881, 0.3405, 0.3887.



This preview shows how white text looks on a background with the Yxy color 57.1881, 0.3405, 0.3887.

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

57.1881, 0.3405, 0.3887

Protanopia

57.1770, 0.3575, 0.3828

Deuteranopia

56.9206, 0.3733, 0.3653



Tritanopia

57.3825, 0.3065, 0.3114

Trichromacy



Original Color

57.1881, 0.3405, 0.3887

Protanomaly

57.2617, 0.3511, 0.3848

Deuteranomaly

57.0085, 0.3613, 0.3736

Tritanomaly

57.3937, 0.3185, 0.3386

Monochromacy



Original Color

57.1881, 0.3405, 0.3887

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9188, 0.3236, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1881, 0.3405, 0.3887 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(195, 204, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 204, 156)  
}
```

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(195, 204, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 204, 156) }
```

Border

The CSS property to change the border of an element to Yxy 57.1881, 0.3405, 0.3887 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(195, 204, 156) }
```

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

```
.border{ border-color:rgb(195, 204, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 204, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 204, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 204, 156);  
box-shadow:4px 4px 4px 4px rgb(195, 204,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1881, 0.3405, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 204, 156) }
```

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

```
.background{ background-color: rgb(195,  
204, 156) }
```

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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