

Converting Colors

$Yxy(57.3888, 0.3266, 0.3533)$

Have a look what the booklet for
Yxy(57.3888, 0.3266, 0.3533)
contains.

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Color

Yxy(57.3888, 0.3266, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	C8C9B5
RGB	200, 201, 181
RGB Percent	78%, 79%, 71%
CMY	0.2156, 0.2118, 0.2902
CMYK	0.00, 0.00, 0.10, 0.21
HSL	63°, 16%, 75%
HSV	63°, 10%, 79%
XYZ	53.0517, 57.3888, 51.9959
YIQ	198.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

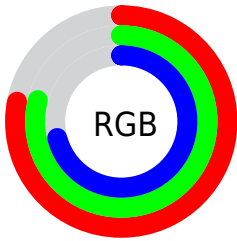
Format	Color
R_{YB}	181, 201, 182
Decimal	13158837
CIE Lab	80.40, -3.83, 9.88
CIE LCh	80, 10.593, 111.197
Yxy	57.3888, 0.3266, 0.3533
Android (android.graphics.Color)	4291348917 (0xFFC8C9B5)
YUV	198.4210, -8.5886, 1.3848
Hunter-Lab	75.7554, -7.5678, 12.3342

Details

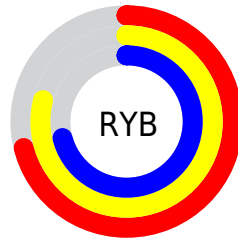
The Yxy color $57.3888, 0.3266, 0.3533$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.2056, 0.2981, 0.3036$, and the grayscale version is $56.7955, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8944, 0.3232, 0.3464$, and $28.5369, 0.3303, 0.3600$ is the 20% darker color. If you saturate the color by 10%, you get $56.4911, 0.3409, 0.3785$, and if you desaturate by 10%, it is $58.4114, 0.3126, 0.3289$.

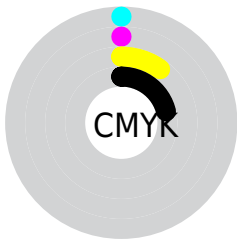
Distribution



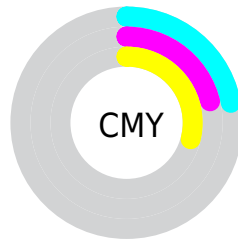
- Red (78%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)





- Cyan (22%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3888, 0.3266, 0.3533 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 57.3888, 0.3266, 0.3533 by changing the saturation by 10% instead.


 57.3888, 0.3266,
0.3533

 57.3888, 0.3266,
0.3533


414.9046, 0.3199,
0.3415

 41.3175, 0.3282,
0.3562


 101.0323, 0.3242,
0.3491

 28.5672, 0.3302,
0.3598


129.3732, 0.3233,
0.3475

 18.7537, 0.3327,
0.3645


162.5728, 0.3226,
0.3461

 11.4924, 0.3362,
0.3709

201.0155, 0.3219,
0.3449

 6.3991, 0.3410,
0.3802

245.0856, 0.3213,
0.3439

 3.0892, 0.3483,
0.3946

295.1676, 0.3208,

 1.1785, 0.3673,

0.3430

0.4282

351.6458, 0.3204,
0.3422

■ 0.0440, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3888, 0.3266,
0.3533

■ 57.3888, 0.3266,
0.3533

■ 56.4911, 0.3409,
0.3785

■ 58.4114, 0.3126,
0.3289

■ 55.7057, 0.3550,
0.4037

■ 59.5561, 0.2993,
0.3057

■ 55.0298, 0.3686,
0.4282

■ 60.8301, 0.2867,
0.2840

■ 54.4573, 0.3810,
0.4509

■ 61.8185, 0.2789,
0.2702

■ 53.9818, 0.3917,
0.4710

■ 61.9564, 0.2796,
0.2703

■ 53.5962, 0.4002,
0.4874

■ 62.0953, 0.2802,
0.2704

■ 53.2924, 0.4062,
0.4997

■ 62.2350, 0.2809,
0.2705

■ 53.0606, 0.4096,
0.5076

■ 62.3756, 0.2816,
0.2706

■ 52.8827, 0.4108,
0.5120

■ 62.5170, 0.2822,
0.2707

Harmonies

Analogous

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



57.3888, 0.3365, 0.3500



57.3888, 0.3266, 0.3533



57.3888, 0.3131, 0.3498

Triad

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



57.3888, 0.3266, 0.3533



57.3888, 0.2862, 0.3160



57.3888, 0.3256, 0.3180

Complementary

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



57.3888, 0.3266, 0.3533



47.2056, 0.2981, 0.3036

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.



57.3888, 0.3119, 0.3093



57.3888, 0.3266, 0.3533



57.3888, 0.2893, 0.3080

Square

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



57.3888, 0.3266, 0.3533



57.3888, 0.2899, 0.3279



57.3888, 0.2986, 0.3057



57.3888, 0.3360, 0.3295

Rectangle

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



57.3888, 0.3266, 0.3533



57.3888, 0.3039, 0.3441



57.3888, 0.2986, 0.3057



57.3888, 0.3212, 0.3146

Sweetspot

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



57.3913, 0.3266, 0.3533



99.4468, 0.3169, 0.3363



49.0725, 0.3300, 0.3299



21.2548, 0.3180, 0.3383



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.



57.3913, 0.3266, 0.3533



97.9034, 0.3297, 0.3588



56.0980, 0.3188, 0.3539



12.3898, 0.3258, 0.3519



33.2630, 0.4110, 0.5119



1.5832, 0.4128, 0.5104

Inverse Universe

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



47.2056, 0.2981, 0.3036



76.8964, 0.2946, 0.2975



48.4272, 0.3061, 0.3042



10.3116, 0.2990, 0.3052



2.7025, 0.1517, 0.0609



0.1367, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 57.3888, 0.3266, 0.3533 looks on a white background.

Color Contrast Check

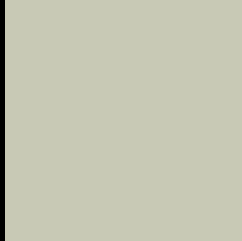
Large Text (above 18pt) WCAG AA × Fail

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 57.3888, 0.3266, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

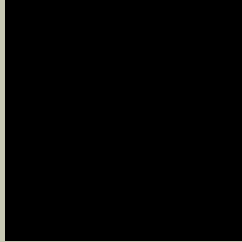
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

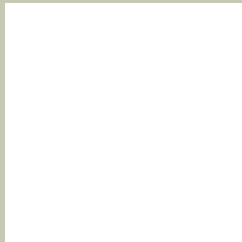
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3888, 0.3266, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 57.3888, 0.3266, 0.3533.



This preview shows how white text looks on a background with the Yxy color 57.3888, 0.3266, 0.3533.

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

57.3888, 0.3266, 0.3533

Protanopia

57.4075, 0.3333, 0.3518

Deuteranopia

57.1257, 0.3472, 0.3394



Tritanopia

57.0707, 0.3073, 0.3103

Trichromacy



Original Color

57.3888, 0.3266, 0.3533

Protanomaly

57.4412, 0.3307, 0.3531

Deuteranomaly

57.0065, 0.3399, 0.3443

Tritanomaly

57.3017, 0.3145, 0.3255

Monochromacy



Original Color

57.3888, 0.3266, 0.3533

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7947, 0.3178, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3888, 0.3266, 0.3533 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(200, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 181)  
}
```

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(200, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 181) }
```

Border

The CSS property to change the border of an element to Yxy 57.3888, 0.3266, 0.3533 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(200, 201, 181) }
```

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

```
.border{ border-color:rgb(200, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3888, 0.3266, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 181) }
```

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

```
.background{ background-color: rgb(200,  
201, 181) }
```

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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