

Converting Colors

Yxy(55.4671, 0.3466, 0.3815)

Have a look what the booklet for
Yxy(55.4671, 0.3466, 0.3815)
contains.

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Color

Yxy(55.6647, 0.3467, 0.3820)

Conversions

Conversions Part 1

Format	Color
Hex	C9C79C
RGB	201, 199, 156
RGB Percent	79%, 78%, 61%
CMY	0.2116, 0.2196, 0.3882
CMYK	0.00, 0.01, 0.22, 0.21
HSL	57°, 29%, 70%
HSV	57°, 22%, 79%
XYZ	50.5208, 55.6647, 39.5336
YIQ	194.6960, 14.9950, -12.9490

Conversions

Conversions Part 2

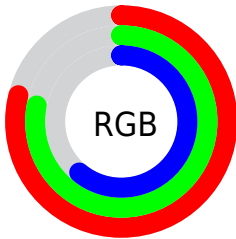
Format	Color
RYB	158, 201, 156
Decimal	13223836
CIELab	79.42, -6.28, 21.84
CIElCh	79, 22.726, 106.043
Yxy	55.6647, 0.3467, 0.3820
Android (android.graphics.Color)	4291413916 (0xFFC9C79C)
YUV	194.6960, -19.0771, 5.5286
Hunter-Lab	74.6088, -9.6953, 20.8096

Details

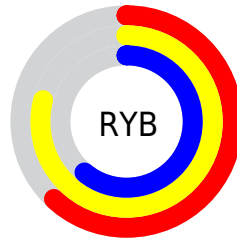
The Yxy color **55.6647, 0.3467, 0.3820** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7602, 0.2754, 0.2698**, and the grayscale version is **54.4967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **27.4738, 0.3553, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **54.6205, 0.3622, 0.4058**, and if you desaturate by 10%, it is **56.8291, 0.3312, 0.3580**.

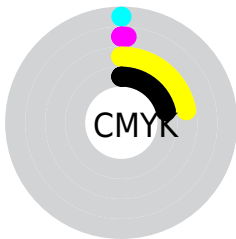
Distribution



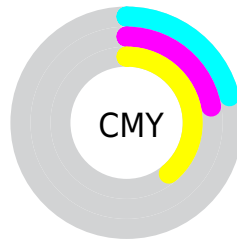
- Red (79%)
- Green (78%)
- Blue (61%)



- Red (62%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6647, 0.3467, 0.3820 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 55.6647, 0.3467, 0.3820 by changing the saturation by 10% instead.

■ 55.6647, 0.3467,
0.3820

■ 55.6647, 0.3467,
0.3820

■ 408.4267, 0.3305,
0.3560

■ 39.9342, 0.3505,
0.3883

■ 98.5142, 0.3410,
0.3727

■ 27.4872, 0.3552,
0.3963

■ 126.4019, 0.3388,
0.3692

■ 17.9395, 0.3612,
0.4066

■ 159.1108, 0.3369,
0.3662

■ 10.9065, 0.3691,
0.4206

■ 197.0252, 0.3353,
0.3636

■ 6.0040, 0.3797,
0.4405

■ 240.5296, 0.3338,
0.3613

■ 2.8475, 0.3945,
0.4708

■ 290.0084, 0.3326,

■ 1.0527, 0.4433,

0.3593

0.5567

345.8460, 0.3315,
0.3576

0.0000, 0.0000,
0.0000

55.6647, 0.3467,
0.3820

55.6647, 0.3467,
0.3820

54.6205, 0.3622,
0.4058

56.8291, 0.3312,
0.3580

53.6836, 0.3772,
0.4286

58.1115, 0.3162,
0.3345

52.8504, 0.3910,
0.4494

59.5191, 0.3019,
0.3120

52.1143, 0.4032,
0.4672

61.0567, 0.2886,
0.2909

51.4680, 0.4132,
0.4813

62.6298, 0.2772,
0.2728

■ 50.9028, 0.4206,
0.4912

■ 63.0661, 0.2772,
0.2738

■ 50.4088, 0.4253,
0.4967

■ 63.5050, 0.2773,
0.2748

■ 50.0671, 0.4275,
0.4987

■ 63.9464, 0.2774,
0.2759

■ 64.3904, 0.2775,
0.2769

Harmonies

Analogous

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



55.6647, 0.3668, 0.3709



55.6647, 0.3467, 0.3820



55.6647, 0.3180, 0.3779

Triad

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



55.6647, 0.3467, 0.3820



55.6647, 0.2567, 0.3037



55.6647, 0.3356, 0.3018

Complementary

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



55.6647, 0.3467, 0.3820



35.7602, 0.2754, 0.2698

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.



55.6647, 0.3051, 0.2856



55.6647, 0.3467, 0.3820



55.6647, 0.2608, 0.2856

Square

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



55.6647, 0.3467, 0.3820



55.6647, 0.2667, 0.3305



55.6647, 0.2781, 0.2795



55.6647, 0.3605, 0.3248

Rectangle

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



55.6647, 0.3467, 0.3820



55.6647, 0.2981, 0.3664



55.6647, 0.2781, 0.2795



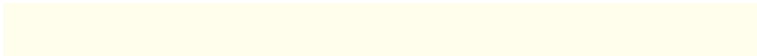
55.6647, 0.3256, 0.2955

Sweetspot

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



55.6672, 0.3467, 0.3820



98.3845, 0.3232, 0.3454



38.6785, 0.3558, 0.3262



21.0296, 0.3241, 0.3469



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.



55.6672, 0.3467, 0.3820



94.3431, 0.3544, 0.3939



53.9923, 0.3294, 0.3875



12.3308, 0.3266, 0.3508



31.5015, 0.4274, 0.4988



1.5178, 0.4256, 0.5003

Inverse Universe

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



35.7602, 0.2754, 0.2698



54.1989, 0.2659, 0.2546



37.2582, 0.2928, 0.2700



10.3638, 0.2983, 0.3062



2.8132, 0.1509, 0.0633



0.1609, 0.1541, 0.0748

Previews

White Background



This preview shows how the Yxy color 55.6647, 0.3467, 0.3820 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 55.6647, 0.3467, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

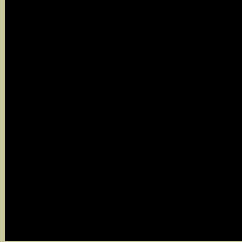
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

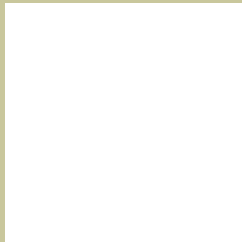
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6647, 0.3467, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 55.6647, 0.3467, 0.3820.



This preview shows how white text looks on a background with the Yxy color 55.6647, 0.3467, 0.3820.

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

55.6647, 0.3467, 0.3820

Protanopia

55.4017, 0.3551, 0.3786

Deuteranopia

55.5218, 0.3722, 0.3646



Tritanopia

55.6142, 0.3143, 0.3115

Trichromacy



Original Color

55.6647, 0.3467, 0.3820

Protanomaly

55.4209, 0.3522, 0.3802

Deuteranomaly

55.6343, 0.3630, 0.3715

Tritanomaly

55.6402, 0.3261, 0.3374

Monochromacy



Original Color

55.6647, 0.3467, 0.3820

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6864, 0.3248, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6647, 0.3467, 0.3820 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(201, 199, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 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(201, 199, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 156) }
```

Border

The CSS property to change the border of an element to Yxy 55.6647, 0.3467, 0.3820 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(201, 199, 156) }
```

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

```
.border{ border-color:rgb(201, 199, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6647, 0.3467, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 156) }
```

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

```
.background{ background-color: rgb(201,  
199, 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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