

Converting Colors

Yxy(55.9652, 0.3668, 0.3601)

Have a look what the booklet for
Yxy(55.9652, 0.3668, 0.3601)
contains.

Yxy(55.9652, 0.3668, 0.3601)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.9652, 0.3668, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	E4BEA3
RGB	228, 190, 163
RGB Percent	89%, 75%, 64%
CMY	0.1061, 0.2548, 0.3608
CMYK	0.00, 0.17, 0.28, 0.11
HSL	25°, 55%, 77%
HSV	25°, 28%, 89%
XYZ	57.0065, 55.9652, 42.4440
YIQ	198.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

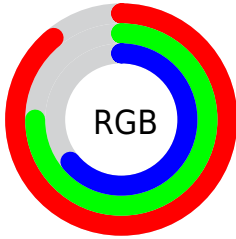
Format	Color
R_{YB}	228, 209, 163
Decimal	14991011
CIE _{Lab}	79.59, 9.62, 18.72
CIE _{LCh}	80, 21.045, 62.800
Yxy	55.9652, 0.3668, 0.3601
Android (android.graphics.Color)	4293181091 (0xFFE4BEA3)
YUV	198.2840, -17.3950, 26.0609
Hunter-Lab	74.8099, 5.1029, 18.7282

Details

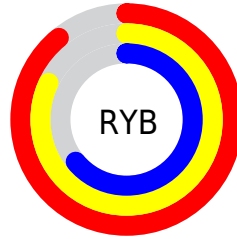
The Yxy color **55.9652, 0.3668, 0.3601** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1185, 0.2680, 0.2956**, and the grayscale version is **56.7458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2335, 0.3358, 0.3566**, and **27.8097, 0.3817, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **49.7177, 0.3915, 0.3715**, and if you desaturate by 10%, it is **62.8916, 0.3452, 0.3487**.

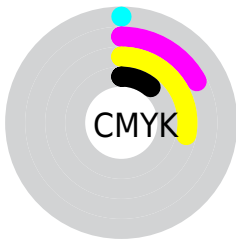
Distribution



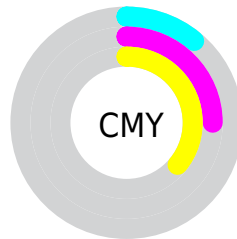
- Red (89%)
- Green (75%)
- Blue (64%)



- Red (89%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9652, 0.3668, 0.3601 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 55.9652, 0.3668, 0.3601 by changing the saturation by 10% instead.


 55.9652, 0.3668,
0.3601


 55.9652, 0.3668,
0.3601


409.5603, 0.3404,
0.3456

 40.1750, 0.3732,
0.3634


 98.9537, 0.3574,
0.3550

 27.6750, 0.3812,
0.3675


 126.9208, 0.3538,
0.3531

 18.0808, 0.3916,
0.3726


159.7157, 0.3507,
0.3514

 11.0080, 0.4056,
0.3792

197.7227, 0.3481,
0.3499

 6.0722, 0.4254,
0.3878

241.3263, 0.3458,
0.3486

 2.8891, 0.4551,
0.3990

290.9108, 0.3438,

 1.0741, 0.5498,

0.3475

0.4502

346.8607, 0.3420,
0.3465

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9652, 0.3668,
0.3601

55.9652, 0.3668,
0.3601

49.7177, 0.3915,
0.3715

62.8916, 0.3452,
0.3487

44.1194, 0.4192,
0.3822

70.5099, 0.3265,
0.3378

39.1496, 0.4494,
0.3914

78.8426, 0.3105,
0.3275

34.7835, 0.4810,
0.3978

87.9087, 0.2967,
0.3179

■ 30.9939, 0.5122,
0.4001

■ 95.2256, 0.2964,
0.3290

■ 27.7511, 0.5405,
0.3972

■ 25.0181, 0.5640,
0.3891

■ 24.6459, 0.5673,
0.3877

Harmonies

Analogous

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



55.9652, 0.3647, 0.3383



55.9652, 0.3668, 0.3601



55.9652, 0.3538, 0.3750

Triad

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



55.9652, 0.3668, 0.3601



55.9652, 0.2780, 0.3423



55.9652, 0.2939, 0.2849

Complementary

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



55.9652, 0.3668, 0.3601



55.1185, 0.2680, 0.2956

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.



55.9652, 0.2722, 0.2842



55.9652, 0.3668, 0.3601



55.9652, 0.2633, 0.3161

Square

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



55.9652, 0.3668, 0.3601



55.9652, 0.3022, 0.3655



55.9652, 0.2613, 0.2951



55.9652, 0.3216, 0.2961

Rectangle

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



55.9652, 0.3668, 0.3601



55.9652, 0.3387, 0.3784



55.9652, 0.2613, 0.2951



55.9652, 0.2857, 0.2834

Sweetspot

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



55.9678, 0.3668, 0.3601



90.3561, 0.3275, 0.3384



46.9401, 0.3385, 0.2851



19.0215, 0.3301, 0.3400



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.



55.9678, 0.3668, 0.3601



67.4660, 0.3805, 0.3666



71.0823, 0.3575, 0.3936



15.3485, 0.3282, 0.3388



14.4602, 0.5646, 0.3899



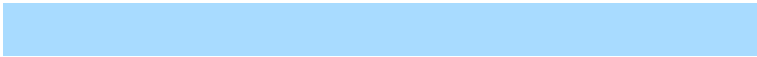
1.2484, 0.5386, 0.4106

Inverse Universe

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



55.1185, 0.2680, 0.2956



66.1980, 0.2590, 0.2878



41.9424, 0.2637, 0.2550



15.2783, 0.2981, 0.3190



13.1781, 0.1853, 0.1870



1.1562, 0.1916, 0.2098

Previews

White Background



This preview shows how the Yxy color 55.9652, 0.3668, 0.3601 looks on a white background.

Color Contrast Check

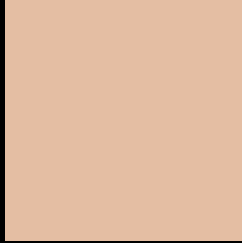
Large Text (above 18pt) WCAG AA × Fail

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 55.9652, 0.3668, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

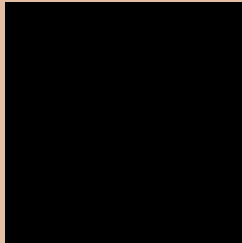
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9652, 0.3668, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 55.9652, 0.3668, 0.3601.



This preview shows how white text looks on a background with the Yxy color 55.9652, 0.3668, 0.3601.

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

55.9652, 0.3668, 0.3601

Protanopia

56.0956, 0.3453, 0.3665

Deuteranopia

55.9652, 0.3668, 0.3601



Tritanopia

55.9772, 0.3413, 0.3135

Trichromacy



Original Color

55.9652, 0.3668, 0.3601

Protanomaly

55.7473, 0.3528, 0.3635

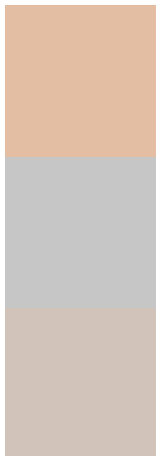
Deuteranomaly

55.9652, 0.3668, 0.3601

Tritanomaly

56.0747, 0.3509, 0.3302

Monochromacy



Original Color

55.9652, 0.3668, 0.3601

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0883, 0.3317, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9652, 0.3668, 0.3601 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(228, 190, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 163)  
}
```

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(228, 190, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 163) }
```

Border

The CSS property to change the border of an element to Yxy 55.9652, 0.3668, 0.3601 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(228, 190, 163) }
```

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

```
.border{ border-color:rgb(228, 190, 163) }
```

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

Here you see how a box with a 4 pixel rgb(228, 190, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 190, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 190, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 190,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9652, 0.3668, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 190, 163) }
```

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

```
.background{ background-color: rgb(228,  
190, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor