

Converting Colors

$Yxy(45.5566, 0.3574, 0.3677)$

Have a look what the booklet for
Yxy(45.5566, 0.3574, 0.3677)
contains.

Yxy(45.5566, 0.3574, 0.3677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.5566, 0.3574, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	C6B193
RGB	198, 177, 147
RGB Percent	78%, 69%, 58%
CMY	0.2235, 0.3059, 0.4236
CMYK	0.00, 0.11, 0.26, 0.22
HSL	35°, 31%, 68%
HSV	35°, 26%, 78%
XYZ	44.2805, 45.5566, 34.0590
YIQ	179.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

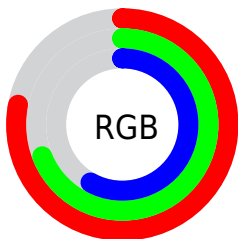
Format	Color
R _Y B	183, 198, 147
Decimal	13021587
CIE Lab	73.26, 2.88, 18.13
CIE LCh	73, 18.354, 80.967
Yxy	45.5566, 0.3574, 0.3677
Android (android.graphics.Color)	4291211667 (0xFFC6B193)
YUV	179.8590, -16.1995, 15.9097
Hunter-Lab	67.4956, -1.0125, 17.3286

Details

The Yxy color $45.5566, 0.3574, 0.3677$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $38.2901, 0.2715, 0.2869$, and the grayscale version is $45.6436, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7549, 0.3490, 0.3613$, and $21.4411, 0.3708, 0.3796$ is the 20% darker color. If you saturate the color by 10%, you get $41.8628, 0.3781, 0.3833$, and if you desaturate by 10%, it is $49.5542, 0.3385, 0.3522$.

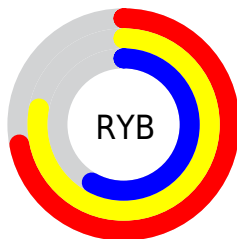
Distribution



Red (78%)

Green (69%)

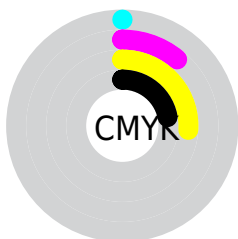
Blue (58%)



Red (72%)

Yellow (78%)

Blue (58%)

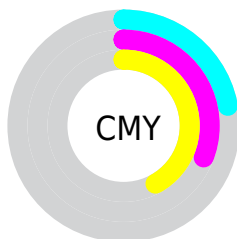


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5566, 0.3574, 0.3677 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 45.5566, 0.3574, 0.3677 by changing the saturation by 10% instead.


 45.5566, 0.3574,
0.3677

 45.5566, 0.3574,
0.3677

369.0232, 0.3350,
0.3485

 31.8961, 0.3630,
0.3724


 83.5550, 0.3492,
0.3608

 21.2821, 0.3702,
0.3784

 108.6617, 0.3462,
0.3582

 13.3304, 0.3797,
0.3862

138.3525, 0.3436,
0.3559

 7.6564, 0.3928,
0.3969

173.0120, 0.3414,
0.3540

 3.8759, 0.4119,
0.4120

213.0243, 0.3394,
0.3524

 1.6044, 0.4575,
0.4498

258.7741, 0.3378,

 0.3606, 0.5339,

0.3509

0.4661

310.6455, 0.3363,
0.3496

0.0000, 0.0000,
0.0000

45.5566, 0.3574,
0.3677

45.5566, 0.3574,
0.3677

41.8628, 0.3781,
0.3833

49.5542, 0.3385,
0.3522

38.4578, 0.4005,
0.3985

53.8577, 0.3216,
0.3373

35.3342, 0.4240,
0.4121

58.4772, 0.3066,
0.3231

32.4819, 0.4478,
0.4233

63.4202, 0.2933,
0.3100

29.8900, 0.4707,
0.4307

68.6940, 0.2816,
0.2978

■ 27.5459, 0.4914,
0.4334

■ 73.5900, 0.2771,
0.2976

■ 25.4352, 0.5088,
0.4308

■ 78.1311, 0.2778,
0.3065

■ 24.6026, 0.5157,
0.4287

■ 82.8860, 0.2784,
0.3154

■ 87.8576, 0.2791,
0.3241

Harmonies

Analogous

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



45.5566, 0.3642, 0.3506



45.5566, 0.3574, 0.3677



45.5566, 0.3385, 0.3750

Triad

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



45.5566, 0.3574, 0.3677



45.5566, 0.2706, 0.3264



45.5566, 0.3106, 0.2930

Complementary

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



45.5566, 0.3574, 0.3677



38.2901, 0.2715, 0.2869

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.



45.5566, 0.2861, 0.2862



45.5566, 0.3574, 0.3677



45.5566, 0.2638, 0.3042

Square

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



45.5566, 0.3574, 0.3677



45.5566, 0.2884, 0.3507



45.5566, 0.2694, 0.2899



45.5566, 0.3366, 0.3084

Rectangle

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



45.5566, 0.3574, 0.3677



45.5566, 0.3219, 0.3725



45.5566, 0.2694, 0.2899



45.5566, 0.3019, 0.2896

Sweetspot

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



45.5587, 0.3574, 0.3677



93.5100, 0.3254, 0.3407



35.7098, 0.3446, 0.3015



19.7626, 0.3279, 0.3430



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.



45.5587, 0.3574, 0.3677



76.8670, 0.3690, 0.3766



53.9421, 0.3476, 0.3935



11.6561, 0.3275, 0.3426



16.1681, 0.5140, 0.4301



0.9058, 0.4892, 0.4498

Inverse Universe

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



38.2901, 0.2715, 0.2869



61.8071, 0.2619, 0.2761



31.5455, 0.2724, 0.2570



10.9932, 0.2983, 0.3150



6.6931, 0.1699, 0.1314



0.4590, 0.1815, 0.1733

Previews

White Background



This preview shows how the Yxy color 45.5566, 0.3574, 0.3677 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 45.5566, 0.3574, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

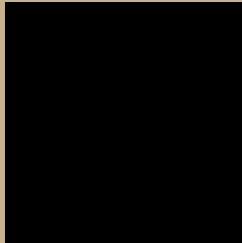
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5566, 0.3574, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 45.5566, 0.3574, 0.3677.



This preview shows how white text looks on a background with the Yxy color 45.5566, 0.3574, 0.3677.

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

45.5566, 0.3574, 0.3677

Protanopia

45.7278, 0.3482, 0.3711

Deuteranopia

45.5806, 0.3682, 0.3603



Tritanopia

45.7043, 0.3297, 0.3130

Trichromacy



Original Color

45.5566, 0.3574, 0.3677

Protanomaly

45.7158, 0.3512, 0.3695

Deuteranomaly

45.3894, 0.3640, 0.3619

Tritanomaly

45.6299, 0.3397, 0.3329

Monochromacy



Original Color

45.5566, 0.3574, 0.3677

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.6321, 0.3288, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5566, 0.3574, 0.3677 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, 177, 147)` looks like.

```
.text, #text, p{  
    color:rgb(198, 177, 147)  
}
```

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, 177, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 177, 147) }
```

Border

The CSS property to change the border of an element to Yxy 45.5566, 0.3574, 0.3677 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, 177, 147) }
```

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

```
.border{ border-color:rgb(198, 177, 147) }
```

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

Here you see how a box with a 4 pixel rgb(198, 177, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 177, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 177, 147);  
box-shadow:4px 4px 4px 4px rgb(198, 177,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5566, 0.3574, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 177, 147) }
```

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

```
.background{ background-color: rgb(198,  
177, 147) }
```

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