

Converting Colors

$Y_{xy}(72.7935, 0.4539, 0.3511)$

Have a look what the booklet for
Yxy(72.7935, 0.4539, 0.3511)
contains.

Yxy(57.1162, 0.3993, 0.3566)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.1162, 0.3993, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	FFB69C
RGB	255, 182, 156
RGB Percent	100%, 71%, 61%
CMY	0.0002, 0.2862, 0.3883
CMYK	0.00, 0.29, 0.39, 0.00
HSL	16°, 100%, 81%
HSV	16°, 39%, 100%
XYZ	63.9554, 57.1162, 39.0972
YIQ	200.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

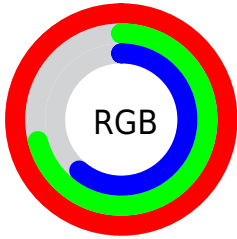
Format	Color
R _Y B	255, 191, 156
Decimal	16758428
CIE Lab	80.24, 23.29, 23.79
CIE LCh	80, 33.293, 45.598
Yxy	57.1162, 0.3993, 0.3566
Android (android.graphics.Color)	4294948508 (0xFFFFB69C)
YUV	200.8630, -22.1175, 47.4781
Hunter-Lab	75.5753, 18.7986, 22.2303

Details

The Yxy color **57.1162, 0.3993, 0.3566** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.2715, 0.2542, 0.2990**, and the grayscale version is **58.4350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1122, 0.3415, 0.3560**, and **28.4562, 0.4212, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **49.1571, 0.4319, 0.3634**, and if you desaturate by 10%, it is **66.2943, 0.3712, 0.3493**.

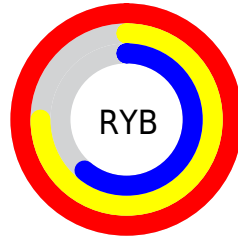
Distribution



Red (100%)

Green (71%)

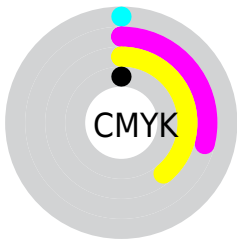
Blue (61%)



Red (100%)

Yellow (75%)

Blue (61%)

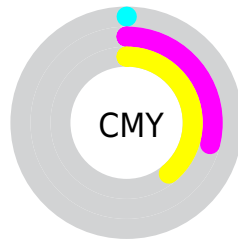


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1162, 0.3993, 0.3566 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 57.1162, 0.3993, 0.3566 by changing the saturation by 10% instead.


 57.1162, 0.3993,
0.3566


 57.1162, 0.3993,
0.3566


413.8846, 0.3571,
0.3448

 41.0985, 0.4094,
0.3589


 100.6347, 0.3843,
0.3528

 28.3961, 0.4221,
0.3616


 128.9044, 0.3785,
0.3512

 18.6245, 0.4384,
0.3646

162.0268, 0.3737,
0.3498

 11.3992, 0.4602,
0.3677

200.3864, 0.3694,
0.3486

 6.3360, 0.4904,
0.3703

244.3676, 0.3658,
0.3475

 3.0505, 0.5347,
0.3708

294.3548, 0.3625,

 1.1581, 0.6250,

0.3465

0.3750

350.7323, 0.3597,
0.3456

0.0271, 0.9564,
0.0436

0.0000, 0.0000,
0.0000

57.1162, 0.3993,
0.3566

57.1162, 0.3993,
0.3566

49.1571, 0.4319,
0.3634

66.2943, 0.3712,
0.3493

42.3565, 0.4685,
0.3687

76.7322, 0.3474,
0.3419

36.6611, 0.5075,
0.3716

88.4788, 0.3275,
0.3349

32.0094, 0.5460,
0.3708

99.9917, 0.3127,
0.3290

■ 28.3337, 0.5798,
0.3656

■ 25.5531, 0.6054,
0.3565

■ 25.2775, 0.6080,
0.3554

Harmonies

Analogous

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



57.1162, 0.3821, 0.3215



57.1162, 0.3993, 0.3566



57.1162, 0.3912, 0.3879

Triad

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



57.1162, 0.3993, 0.3566



57.1162, 0.2783, 0.3732



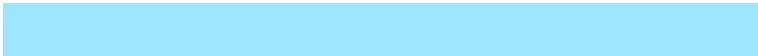
57.1162, 0.2623, 0.2589

Complementary

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



57.1162, 0.3993, 0.3566



70.2715, 0.2542, 0.2990

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.



57.1162, 0.2386, 0.2667



57.1162, 0.3993, 0.3566



57.1162, 0.2471, 0.3310

Square

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



57.1162, 0.3993, 0.3566



57.1162, 0.3200, 0.4020



57.1162, 0.2332, 0.2918



57.1162, 0.3005, 0.2675

Rectangle

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



57.1162, 0.3993, 0.3566



57.1162, 0.3733, 0.4022



57.1162, 0.2332, 0.2918



57.1162, 0.2525, 0.2595

Sweetspot

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



57.1189, 0.3993, 0.3566



84.6321, 0.3335, 0.3371



50.7475, 0.3381, 0.2545



17.7819, 0.3360, 0.3380



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.



57.1189, 0.3993, 0.3566



50.5378, 0.4256, 0.3622



80.3634, 0.3800, 0.4040



18.7643, 0.3288, 0.3353



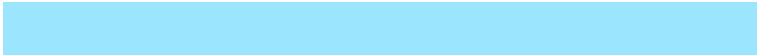
13.4184, 0.6052, 0.3577



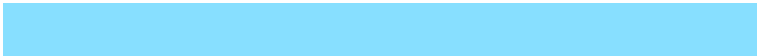
1.4756, 0.5833, 0.3750

Inverse Universe

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



70.2715, 0.2542, 0.2990



65.4044, 0.2433, 0.2915



47.2193, 0.2453, 0.2402



19.6249, 0.2980, 0.3226



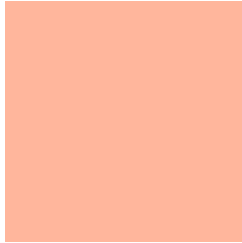
22.7984, 0.2003, 0.2411



2.3982, 0.2034, 0.2523

Previews

White Background



This preview shows how the Yxy color 57.1162, 0.3993, 0.3566 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 57.1162, 0.3993, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

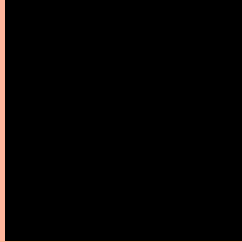
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1162, 0.3993, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 57.1162, 0.3993, 0.3566.



This preview shows how white text looks on a background with the Yxy color 57.1162, 0.3993, 0.3566.

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

57.1162, 0.3993, 0.3566

Protanopia

57.3761, 0.3490, 0.3708

Deuteranopia

57.0871, 0.3792, 0.3707



Tritanopia

57.2618, 0.3692, 0.3166

Trichromacy



Original Color

57.1162, 0.3993, 0.3566

Protanomaly

57.0440, 0.3667, 0.3658

Deuteranomaly

57.2102, 0.3865, 0.3653

Tritanomaly

57.1169, 0.3805, 0.3313

Monochromacy



Original Color

57.1162, 0.3993, 0.3566

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4585, 0.3419, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1162, 0.3993, 0.3566 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(255, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 156) }
```

Border

The CSS property to change the border of an element to Yxy 57.1162, 0.3993, 0.3566 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(255, 182, 156) }
```

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

```
.border{ border-color:rgb(255, 182, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1162, 0.3993, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 156) }
```

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

```
.background{ background-color: rgb(255,  
182, 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](#).

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