

Converting Colors

$Y_{xy}(59.0112, 0.4289, 0.3611)$

Have a look what the booklet for
Yxy(59.0112, 0.4289, 0.3611)
contains.

Yxy(54.7486, 0.4113, 0.3628)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7486, 0.4113, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	FFB191
RGB	255, 177, 145
RGB Percent	100%, 69%, 57%
CMY	0.0001, 0.3058, 0.4313
CMYK	0.00, 0.31, 0.43, 0.00
HSL	17°, 100%, 78%
HSV	17°, 43%, 100%
XYZ	62.0675, 54.7486, 34.0896
YIQ	196.6740, 56.7600, 6.5840

Conversions

Conversions Part 2

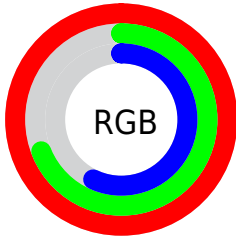
Format	Color
R _Y B	255, 190, 145
Decimal	16757137
CIE Lab	78.90, 24.75, 27.81
CIE LCh	79, 37.230, 48.326
Yxy	54.7486, 0.4113, 0.3628
Android (android.graphics.Color)	4294947217 (0xFFFFB191)
YUV	196.6740, -25.4753, 51.1519
Hunter-Lab	73.9923, 20.2460, 24.4786

Details

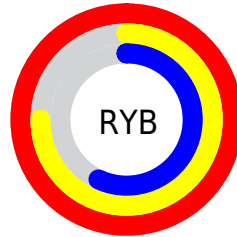
The Yxy color **54.7486, 0.4113, 0.3628** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.0016, 0.2477, 0.2914**, and the grayscale version is **55.7607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6613, 0.3504, 0.3633**, and **26.9592, 0.4379, 0.3690** is the 20% darker color. If you saturate the color by 10%, you get **47.3754, 0.4448, 0.3698**, and if you desaturate by 10%, it is **63.2496, 0.3819, 0.3549**.

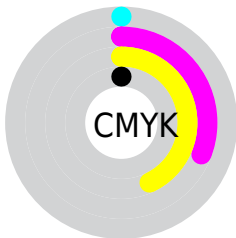
Distribution



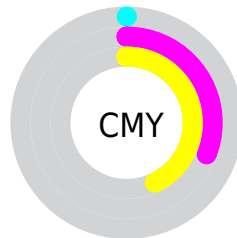
- Red (100%)
- Green (69%)
- Blue (57%)



- Red (100%)
- Yellow (75%)
- Blue (57%)



- Cyan (0%)
- Magenta (31%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7486, 0.4113, 0.3628 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 54.7486, 0.4113, 0.3628 by changing the saturation by 10% instead.


 54.7486, 0.4113,
0.3628


 54.7486, 0.4113,
0.3628


404.9583, 0.3630,
0.3485

 39.2005, 0.4229,
0.3656


 97.1725, 0.3941,
0.3582

 26.9157, 0.4374,
0.3687

 124.8171, 0.3875,
0.3563

 17.5099, 0.4561,
0.3720


157.2626, 0.3819,
0.3546

 10.5987, 0.4808,
0.3753

194.8935, 0.3771,
0.3531

 5.7977, 0.5146,
0.3773

238.0941, 0.3729,
0.3517

 2.7225, 0.5722,
0.3811

287.2488, 0.3692,

 0.9886, 0.6392,

0.3505

0.3608

342.7421, 0.3659,
0.3494

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7486, 0.4113,
0.3628

54.7486, 0.4113,
0.3628

47.3754, 0.4448,
0.3698

63.2496, 0.3819,
0.3549

41.0733, 0.4815,
0.3749

72.9162, 0.3568,
0.3467

35.7920, 0.5194,
0.3768

83.7941, 0.3355,
0.3388

31.4740, 0.5554,
0.3744

95.9240, 0.3177,
0.3312

■ 28.0545, 0.5854,
0.3673

99.9956, 0.3127,
0.3290

■ 26.1806, 0.6016,
0.3605

Harmonies

Analogous

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



54.7486, 0.3944, 0.3236



54.7486, 0.4113, 0.3628



54.7486, 0.3992, 0.3976

Triad

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



54.7486, 0.4113, 0.3628



54.7486, 0.2697, 0.3754



54.7486, 0.2591, 0.2505

Complementary

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



54.7486, 0.4113, 0.3628



66.0016, 0.2477, 0.2914

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.



54.7486, 0.2311, 0.2571



54.7486, 0.4113, 0.3628



54.7486, 0.2365, 0.3263

Square

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



54.7486, 0.4113, 0.3628



54.7486, 0.3160, 0.4107



54.7486, 0.2232, 0.2831



54.7486, 0.3031, 0.2618

Rectangle

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



54.7486, 0.4113, 0.3628



54.7486, 0.3774, 0.4132



54.7486, 0.2232, 0.2831



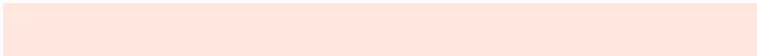
54.7486, 0.2477, 0.2506

Sweetspot

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



54.7513, 0.4113, 0.3628



83.9566, 0.3353, 0.3387



46.8830, 0.3452, 0.2498



17.4327, 0.3397, 0.3404



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.



54.7513, 0.4113, 0.3628



48.1614, 0.4408, 0.3691



80.5372, 0.3866, 0.4154



18.8482, 0.3287, 0.3360



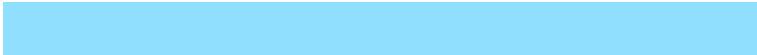
13.9042, 0.5987, 0.3628



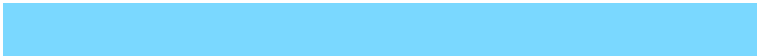
1.5324, 0.5767, 0.3803

Inverse Universe

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



66.0016, 0.2477, 0.2914



60.7088, 0.2361, 0.2822



41.5560, 0.2363, 0.2237



19.5359, 0.2980, 0.3219



21.2660, 0.1975, 0.2311



2.2592, 0.2010, 0.2436

Previews

White Background



This preview shows how the Yxy color 54.7486, 0.4113, 0.3628 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 54.7486, 0.4113, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

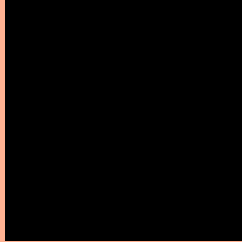
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7486, 0.4113, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 54.7486, 0.4113, 0.3628.

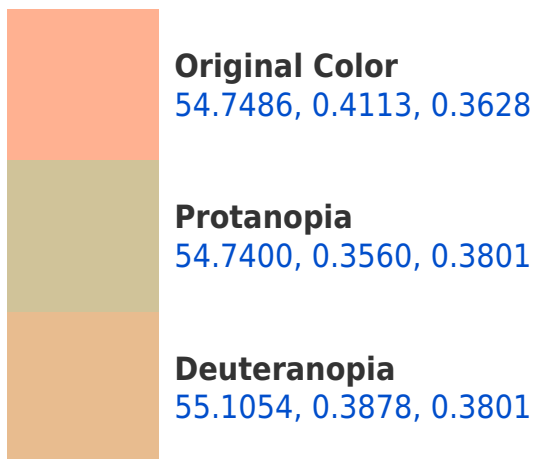


This preview shows how white text looks on a background with the Yxy color 54.7486, 0.4113, 0.3628.

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





Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.7486, 0.4113, 0.3628

Protanomaly

54.1760, 0.3757, 0.3732

Deuteranomaly

54.8199, 0.3958, 0.3733

Tritanomaly

54.4344, 0.3898, 0.3334

Monochromacy



Original Color

54.7486, 0.4113, 0.3628

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9467, 0.3458, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7486, 0.4113, 0.3628 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, 177, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 145)  
}
```

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, 177, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 145) }
```

Border

The CSS property to change the border of an element to Yxy 54.7486, 0.4113, 0.3628 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, 177, 145) }
```

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

```
.border{ border-color:rgb(255, 177, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7486, 0.4113, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 145) }
```

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

```
.background{ background-color: rgb(255,  
177, 145) }
```

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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