

Converting Colors

$Y_{xy}(63.3625, 0.4550, 0.3532)$

Have a look what the booklet for
Yxy(63.3625, 0.4550, 0.3532)
contains.

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Color

Yxy(52.7787, 0.4147, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC90
RGB	255, 172, 144
RGB Percent	100%, 67%, 56%
CMY	0.0000, 0.3255, 0.4352
CMYK	0.00, 0.33, 0.44, 0.00
HSL	15°, 100%, 78%
HSV	15°, 44%, 100%
XYZ	61.0355, 52.7787, 33.3657
YIQ	193.6250, 58.4560, 8.8880

Conversions

Conversions Part 2

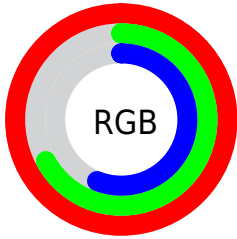
Format	Color
R _Y B	255, 181, 144
Decimal	16755856
CIE Lab	77.74, 27.30, 26.79
CIE LCh	78, 38.251, 44.459
Yxy	52.7787, 0.4147, 0.3586
Android (android.graphics.Color)	4294945936 (0xFFFFAC90)
YUV	193.6250, -24.4651, 53.8259
Hunter-Lab	72.6490, 22.8298, 23.6240

Details

The Yxy color **52.7787, 0.4147, 0.3586** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1086, 0.2481, 0.2963**, and the grayscale version is **53.8346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8240, 0.3521, 0.3595**, and **25.7197, 0.4431, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **45.3360, 0.4496, 0.3645**, and if you desaturate by 10%, it is **61.4345, 0.3842, 0.3518**.

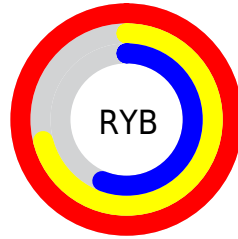
Distribution



Red (100%)

Green (67%)

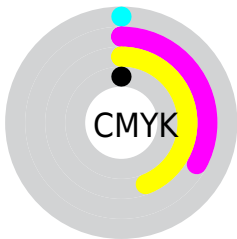
Blue (56%)



Red (100%)

Yellow (71%)

Blue (56%)

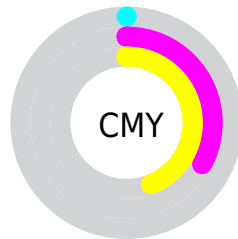


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7787, 0.4147, 0.3586 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 52.7787, 0.4147, 0.3586 by changing the saturation by 10% instead.


 52.7787, 0.4147,
0.3586


 52.7787, 0.4147,
0.3586


397.4355, 0.3644,
0.3463

 37.6261, 0.4269,
0.3609


 94.2786, 0.3967,
0.3547

 25.6927, 0.4422,
0.3633


 121.3948, 0.3898,
0.3531

 16.5939, 0.4620,
0.3658


153.2677, 0.3840,
0.3517

 9.9453, 0.4883,
0.3678

190.2815, 0.3790,
0.3504

 5.3627, 0.5247,
0.3679

232.8209, 0.3746,
0.3492

 2.4616, 0.5897,
0.3703

281.2700, 0.3708,

 0.8573, 0.6590,

0.3481

0.3410

336.0135, 0.3674,
0.3472

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7787, 0.4147,
0.3586

52.7787, 0.4147,
0.3586

45.3360, 0.4496,
0.3645

61.4345, 0.3842,
0.3518

39.0577, 0.4881,
0.3686

71.3633, 0.3582,
0.3447

33.8805, 0.5279,
0.3697

82.6120, 0.3365,
0.3377

29.7376, 0.5651,
0.3668

95.2270, 0.3184,
0.3312

■ 26.5539, 0.5954,
0.3596

100.0000, 0.3127,
0.3290

■ 24.9562, 0.6104,
0.3535

Harmonies

Analogous

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



52.7787, 0.3934, 0.3181



52.7787, 0.4147, 0.3586



52.7787, 0.4057, 0.3959

Triad

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



52.7787, 0.4147, 0.3586



52.7787, 0.2736, 0.3834



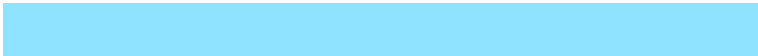
52.7787, 0.2522, 0.2474

Complementary

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



52.7787, 0.4147, 0.3586



68.1086, 0.2481, 0.2963

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.



52.7787, 0.2258, 0.2567



52.7787, 0.4147, 0.3586



52.7787, 0.2370, 0.3327

Square

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



52.7787, 0.4147, 0.3586



52.7787, 0.3225, 0.4169



52.7787, 0.2204, 0.2861



52.7787, 0.2961, 0.2570

Rectangle

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



52.7787, 0.4147, 0.3586



52.7787, 0.3849, 0.4140



52.7787, 0.2204, 0.2861



52.7787, 0.2413, 0.2483

Sweetspot

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



52.7762, 0.4147, 0.3586



83.2330, 0.3355, 0.3374



46.7745, 0.3421, 0.2457



17.2557, 0.3399, 0.3389



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.



52.7762, 0.4147, 0.3586



46.3901, 0.4441, 0.3637



78.3530, 0.3889, 0.4128



18.7307, 0.3288, 0.3351



13.2387, 0.6076, 0.3557



1.4541, 0.5859, 0.3730

Inverse Universe

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



68.1086, 0.2481, 0.2963



63.4090, 0.2374, 0.2887



42.5689, 0.2363, 0.2272



19.6606, 0.2980, 0.3229



23.4340, 0.2014, 0.2450



2.4556, 0.2044, 0.2557

Previews

White Background



This preview shows how the Yxy color 52.7787, 0.4147, 0.3586 looks on a white background.

Color Contrast Check

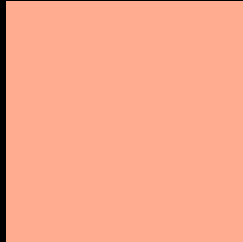
Large Text (above 18pt) WCAG AA × Fail

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 52.7787, 0.4147, 0.3586 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 52.7787, 0.4147, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 52.7787, 0.4147, 0.3586.



This preview shows how white text looks on a background with the Yxy color 52.7787, 0.4147, 0.3586.

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

52.7787, 0.4147, 0.3586

Protanopia

52.9783, 0.3543, 0.3771

Deuteranopia

53.1449, 0.3863, 0.3786



Tritanopia

52.9312, 0.3821, 0.3176

Trichromacy



Original Color

52.7787, 0.4147, 0.3586

Protanomaly

52.5879, 0.3751, 0.3702

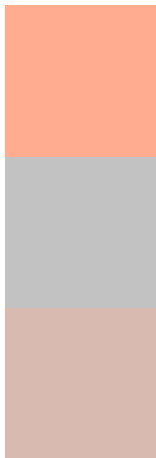
Deuteranomaly

52.8028, 0.3967, 0.3704

Tritanomaly

52.7995, 0.3940, 0.3324

Monochromacy



Original Color

52.7787, 0.4147, 0.3586

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8513, 0.3465, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7787, 0.4147, 0.3586 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, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 144)  
}
```

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, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.7787, 0.4147, 0.3586 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, 172, 144) }
```

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

```
.border{ border-color:rgb(255, 172, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7787, 0.4147, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 144) }
```

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

```
.background{ background-color: rgb(255,  
172, 144) }
```

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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