

Converting Colors

Yxy(52.2244, 0.4343, 0.3930)

Have a look what the booklet for
Yxy(52.2244, 0.4343, 0.3930)
contains.

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Color

Yxy(52.1988, 0.4347, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	FAAF72
RGB	250, 175, 114
RGB Percent	98%, 69%, 45%
CMY	0.0197, 0.3136, 0.5530
CMYK	0.00, 0.30, 0.54, 0.02
HSL	27°, 93%, 71%
HSV	27°, 54%, 98%
XYZ	57.7816, 52.1988, 22.9425
YIQ	190.4710, 64.2810, -3.0710

Conversions

Conversions Part 2

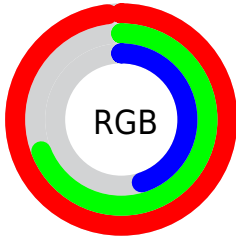
Format	Color
R _Y B	250, 225, 114
Decimal	16428914
CIE Lab	77.40, 20.98, 42.02
CIE LCh	77, 46.968, 63.468
Yxy	52.1988, 0.4347, 0.3927
Android (android.graphics.Color)	4294618994 (0xFFFAAF72)
YUV	190.4710, -37.7002, 52.2069
Hunter-Lab	72.2487, 16.3216, 31.7467

Details

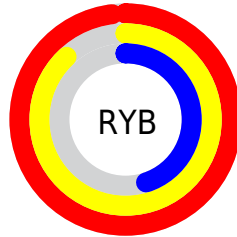
The Yxy color **52.1988, 0.4347, 0.3927** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.8369, 0.2273, 0.2512**, and the grayscale version is **51.9725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2018, 0.3724, 0.3938**, and **25.2364, 0.4656, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **46.6153, 0.4647, 0.4011**, and if you desaturate by 10%, it is **58.4900, 0.4063, 0.3819**.

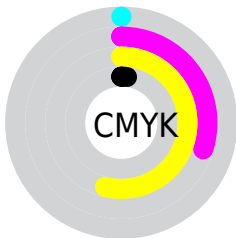
Distribution



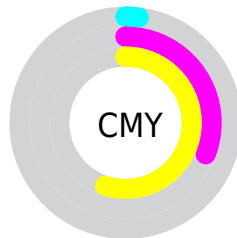
- Red (98%)
- Green (69%)
- Blue (45%)



- Red (98%)
- Yellow (88%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (2%)




- Cyan (2%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1988, 0.4347, 0.3927 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 52.1988, 0.4347, 0.3927 by changing the saturation by 10% instead.

 52.1988, 0.4347,
0.3927


 52.1988, 0.4347,
0.3927

395.2036, 0.3755,
0.3652


 37.1636, 0.4484,
0.3980


 93.4244, 0.4139,
0.3839


 25.3342, 0.4653,
0.4037


 120.3835, 0.4058,
0.3802

 16.3262, 0.4862,
0.4097


 152.0860, 0.3990,
0.3770

 9.7553, 0.5124,
0.4150

 188.9163, 0.3930,
0.3741

 5.2370, 0.5500,
0.4207

231.2589, 0.3878,
0.3715

 2.3870, 0.5884,
0.4116

279.4980, 0.3832,

 0.8192, 0.6267,

0.3692

0.3733

334.0181, 0.3791,
0.3671

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1988, 0.4347,
0.3927

52.1988, 0.4347,
0.3927

46.6153, 0.4647,
0.4011

58.4900, 0.4063,
0.3819

41.7025, 0.4948,
0.4058


65.5084, 0.3804,
0.3699


37.4308, 0.5229,
0.4056

73.2819, 0.3574,
0.3576

33.7636, 0.5470,
0.3998

81.8347, 0.3372,
0.3455

 31.9527, 0.5586,
0.3946

 91.1894, 0.3197,
0.3339

 99.0577, 0.3096,
0.3290

Harmonies

Analogous

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



52.1988, 0.4332, 0.3449



52.1988, 0.4347, 0.3927



52.1988, 0.4014, 0.4313

Triad

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



52.1988, 0.4347, 0.3927



52.1988, 0.2339, 0.3568



52.1988, 0.2704, 0.2359

Complementary

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



52.1988, 0.4347, 0.3927



46.8369, 0.2273, 0.2512

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.



52.1988, 0.2250, 0.2318



52.1988, 0.4347, 0.3927



52.1988, 0.2055, 0.2939

Square

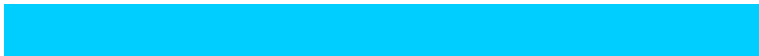
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.1988, 0.4347, 0.3927



52.1988, 0.2846, 0.4168



52.1988, 0.2028, 0.2505



52.1988, 0.3323, 0.2596

Rectangle

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



52.1988, 0.4347, 0.3927



52.1988, 0.3659, 0.4441



52.1988, 0.2028, 0.2505



52.1988, 0.2529, 0.2322

Sweetspot

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



52.2014, 0.4347, 0.3927



84.1291, 0.3403, 0.3474



36.1107, 0.3799, 0.2502



17.6038, 0.3443, 0.3499



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.



52.2014, 0.4347, 0.3927



48.4135, 0.4667, 0.4015



84.3836, 0.3960, 0.4523



18.5082, 0.3283, 0.3397



17.2317, 0.5559, 0.3968



1.8042, 0.5355, 0.4130

Inverse Universe

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



46.8369, 0.2273, 0.2512



42.2391, 0.2128, 0.2326



24.6528, 0.2093, 0.1650



18.2290, 0.2980, 0.3181



13.5600, 0.1819, 0.1749



1.4676, 0.1875, 0.1949

Previews

White Background



This preview shows how the Yxy color 52.1988, 0.4347, 0.3927 looks on a white background.

Color Contrast Check

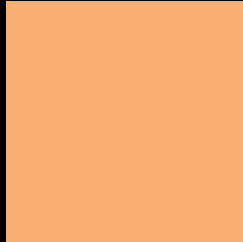
Large Text (above 18pt) WCAG AA × Fail

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 52.1988, 0.4347, 0.3927 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 52.1988, 0.4347, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 52.1988, 0.4347, 0.3927.



This preview shows how white text looks on a background with the Yxy color 52.1988, 0.4347, 0.3927.

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

52.1988, 0.4347, 0.3927

Protanopia

52.6106, 0.3836, 0.4159

Deuteranopia

52.3605, 0.4162, 0.4077



Tritanopia

52.1927, 0.3827, 0.3155

Trichromacy



Original Color

52.1988, 0.4347, 0.3927

Protanomaly

52.2731, 0.4018, 0.4073

Deuteranomaly

52.1855, 0.4227, 0.4018

Tritanomaly

52.0324, 0.4027, 0.3441

Monochromacy



Original Color

52.1988, 0.4347, 0.3927

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3036, 0.3550, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1988, 0.4347, 0.3927 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(250, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 114)  
}
```

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(250, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 114) }
```

Border

The CSS property to change the border of an element to Yxy 52.1988, 0.4347, 0.3927 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(250, 175, 114) }
```

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

```
.border{ border-color:rgb(250, 175, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1988, 0.4347, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 114) }
```

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

```
.background{ background-color: rgb(250,  
175, 114) }
```

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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