

Converting Colors

$Y_{xy}(47.9189, 0.4257, 0.3537)$

Have a look what the booklet for
Yxy(47.9189, 0.4257, 0.3537)
contains.

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Color

Yxy(47.8304, 0.4257, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	FDA089
RGB	253, 160, 137
RGB Percent	99%, 63%, 54%
CMY	0.0078, 0.3726, 0.4626
CMYK	0.00, 0.37, 0.46, 0.01
HSL	12°, 97%, 76%
HSV	12°, 46%, 99%
XYZ	57.5994, 47.8304, 29.8754
YIQ	185.1850, 62.8110, 12.5630

Conversions

Conversions Part 2

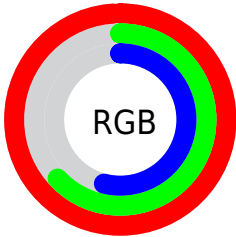
Format	Color
R _Y B	253, 166, 137
Decimal	16621705
CIE Lab	74.72, 32.09, 26.45
CIE LCh	75, 41.588, 39.491
Yxy	47.8304, 0.4257, 0.3535
Android (android.graphics.Color)	4294811785 (0xFFFDA089)
YUV	185.1850, -23.7552, 59.4738
Hunter-Lab	69.1595, 27.6344, 22.7997

Details

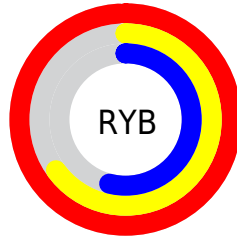
The Yxy color **47.8304, 0.4257, 0.3535** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.0345, 0.2465, 0.3019**, and the grayscale version is **48.7352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6225, 0.3601, 0.3538**, and **22.5410, 0.4573, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **40.7192, 0.4636, 0.3578**, and if you desaturate by 10%, it is **56.2649, 0.3927, 0.3483**.

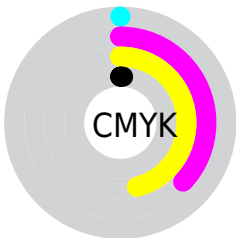
Distribution



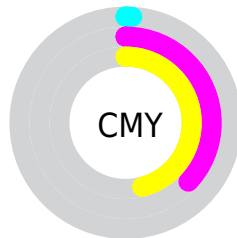
- Red (99%)
- Green (63%)
- Blue (54%)



- Red (99%)
- Yellow (65%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (1%)





- Cyan (1%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8304, 0.4257, 0.3535 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 47.8304, 0.4257, 0.3535 by changing the saturation by 10% instead.

 47.8304, 0.4257,
0.3535


 47.8304, 0.4257,
0.3535


378.1195, 0.3690,
0.3440

 33.6926, 0.4396,
0.3550


 86.9518, 0.4052,
0.3507

 22.6575, 0.4573,
0.3563


 112.7043, 0.3975,
0.3494

 14.3408, 0.4804,
0.3572


 143.0970, 0.3909,
0.3483

 8.3581, 0.5114,
0.3567

178.5145, 0.3853,
0.3473

 4.3249, 0.5545,
0.3525

219.3411, 0.3804,
0.3463

 1.8569, 0.6457,
0.3543

265.9612, 0.3761,

 0.5223, 0.7226,

0.3455

0.2774

318.7592, 0.3724,
0.3447

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8304, 0.4257,
0.3535

47.8304, 0.4257,
0.3535

40.7192, 0.4636,
0.3578

56.2649, 0.3927,
0.3483

34.8563, 0.5049,
0.3602

66.0781, 0.3648,
0.3427

30.1702, 0.5466,
0.3598

77.3313, 0.3415,
0.3371

26.5789, 0.5840,
0.3559

90.0796, 0.3223,
0.3319

■ 23.9888, 0.6120,
0.3486

99.6250, 0.3115,
0.3290

■ 23.1744, 0.6207,
0.3453

Harmonies

Analogous

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



47.8304, 0.3964, 0.3092



47.8304, 0.4257, 0.3535



47.8304, 0.4206, 0.3965

Triad

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



47.8304, 0.4257, 0.3535



47.8304, 0.2769, 0.3991



47.8304, 0.2389, 0.2386

Complementary

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



47.8304, 0.4257, 0.3535



69.0345, 0.2465, 0.3019

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.



47.8304, 0.2136, 0.2519



47.8304, 0.4257, 0.3535



47.8304, 0.2334, 0.3425

Square

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



47.8304, 0.4257, 0.3535



47.8304, 0.3325, 0.4316



47.8304, 0.2115, 0.2878



47.8304, 0.2847, 0.2461

Rectangle

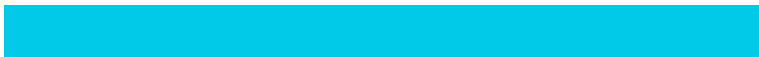
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.8304, 0.4257, 0.3535



47.8304, 0.3998, 0.4195



47.8304, 0.2115, 0.2878



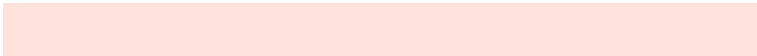
47.8304, 0.2280, 0.2406

Sweetspot

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



47.8328, 0.4257, 0.3535



80.9837, 0.3377, 0.3362



44.5978, 0.3368, 0.2347



16.7645, 0.3422, 0.3373



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.



47.8328, 0.4257, 0.3535



41.9930, 0.4603, 0.3575



71.9504, 0.3969, 0.4100



18.5692, 0.3289, 0.3338



12.4866, 0.6184, 0.3472



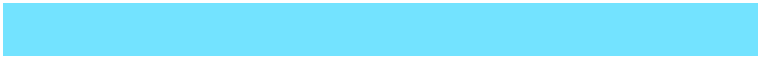
1.3599, 0.5979, 0.3634

Inverse Universe

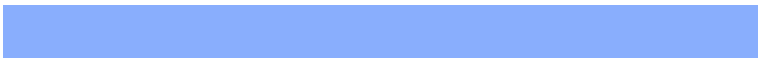
The Inverse Universe completely reimagines the original color for something new.



69.0345, 0.2465, 0.3019



65.9122, 0.2359, 0.2955



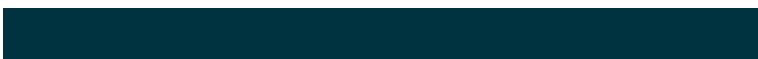
42.5934, 0.2337, 0.2307



19.8343, 0.2980, 0.3242



26.6805, 0.2067, 0.2640



2.7461, 0.2090, 0.2723

Previews

White Background



This preview shows how the Yxy color 47.8304, 0.4257, 0.3535 looks on a white background.

Color Contrast Check

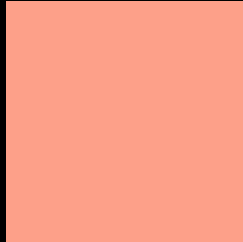
Large Text (above 18pt) WCAG AA × Fail

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 47.8304, 0.4257, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

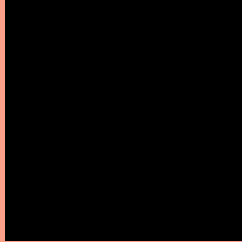
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8304, 0.4257, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 47.8304, 0.4257, 0.3535.



This preview shows how white text looks on a background with the Yxy color 47.8304, 0.4257, 0.3535.

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

47.8304, 0.4257, 0.3535

Protanopia

48.1549, 0.3526, 0.3752

Deuteranopia

48.0709, 0.3876, 0.3807



Tritanopia

47.8270, 0.3992, 0.3177

Trichromacy



Original Color

47.8304, 0.4257, 0.3535

Protanomaly

47.4253, 0.3786, 0.3666

Deuteranomaly

47.8640, 0.4017, 0.3705

Tritanomaly

47.5851, 0.4091, 0.3303

Monochromacy



Original Color

47.8304, 0.4257, 0.3535

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5795, 0.3503, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8304, 0.4257, 0.3535 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(253, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(253, 160, 137)  
}
```

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(253, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 160, 137) }
```

Border

The CSS property to change the border of an element to Yxy 47.8304, 0.4257, 0.3535 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(253, 160, 137) }
```

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

```
.border{ border-color:rgb(253, 160, 137) }
```

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

Here you see how a box with a 4 pixel rgb(253, 160, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(253, 160,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8304, 0.4257, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 160, 137) }
```

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

```
.background{ background-color: rgb(253,  
160, 137) }
```

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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