

Converting Colors

$Yxy(69.3130, 0.4979, 0.3470)$

Have a look what the booklet for
Yxy(69.3130, 0.4979, 0.3470)
contains.

Yxy(48.1509, 0.4295, 0.3554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.1509, 0.4295, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	FFA087
RGB	255, 160, 135
RGB Percent	100%, 63%, 53%
CMY	0.0000, 0.3726, 0.4706
CMYK	0.00, 0.37, 0.47, 0.00
HSL	13°, 100%, 76%
HSV	13°, 47%, 100%
XYZ	58.1902, 48.1509, 29.1425
YIQ	185.5550, 64.6450, 12.3650

Conversions

Conversions Part 2

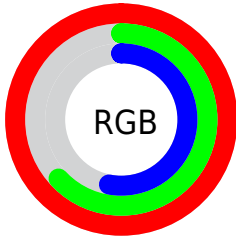
Format	Color
R _Y B	255, 167, 135
Decimal	16752775
CIE Lab	74.92, 32.66, 27.87
CIE LCh	75, 42.938, 40.470
Yxy	48.1509, 0.4295, 0.3554
Android (android.graphics.Color)	4294942855 (0xFFFFA087)
YUV	185.5550, -24.9236, 60.9033
Hunter-Lab	69.3908, 28.2537, 23.6732

Details

The Yxy color **48.1509, 0.4295, 0.3554** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9580, 0.2447, 0.2995**, and the grayscale version is **48.9518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4917, 0.3623, 0.3569**, and **22.7734, 0.4622, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **41.0746, 0.4675, 0.3598**, and if you desaturate by 10%, it is **56.5304, 0.3961, 0.3500**.

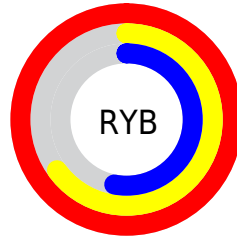
Distribution



Red (100%)

Green (63%)

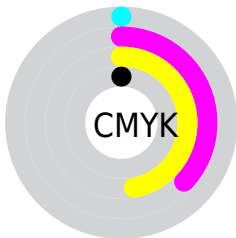
Blue (53%)



Red (100%)

Yellow (65%)

Blue (53%)

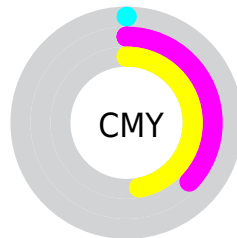


Cyan (0%)

Magenta (37%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1509, 0.4295, 0.3554 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 48.1509, 0.4295, 0.3554 by changing the saturation by 10% instead.


 48.1509, 0.4295,
0.3554


 48.1509, 0.4295,
0.3554


379.3899, 0.3710,
0.3452


 33.9464, 0.4438,
0.3570


 87.4290, 0.4084,
0.3524

 22.8524, 0.4620,
0.3584


 113.2715, 0.4004,
0.3511

 14.4846, 0.4855,
0.3593

 143.7620, 0.3936,
0.3498

 8.4585, 0.5170,
0.3588

179.2850, 0.3878,
0.3487

 4.3897, 0.5604,
0.3542

220.2249, 0.3828,
0.3477

 1.8938, 0.6472,
0.3528

266.9661, 0.3784,

 0.5447, 0.7213,

0.3468

0.2787

319.8930, 0.3745,
0.3459

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.1509, 0.4295,
0.3554

48.1509, 0.4295,
0.3554

41.0746, 0.4675,
0.3598

56.5304, 0.3961,
0.3500

35.2420, 0.5087,
0.3621

66.2830, 0.3678,
0.3441

30.5769, 0.5498,
0.3614

77.4644, 0.3441,
0.3383

26.9977, 0.5861,
0.3569

90.1295, 0.3245,
0.3327

■ 24.4108, 0.6128,
0.3491

100.0000, 0.3127,
0.3290

■ 23.8188, 0.6190,
0.3467

Harmonies

Analogous

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



48.1509, 0.4005, 0.3100



48.1509, 0.4295, 0.3554



48.1509, 0.4230, 0.3995

Triad

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



48.1509, 0.4295, 0.3554



48.1509, 0.2740, 0.3997



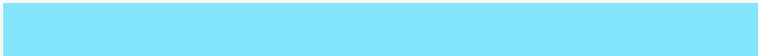
48.1509, 0.2381, 0.2361

Complementary

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



48.1509, 0.4295, 0.3554



68.9580, 0.2447, 0.2995

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.



48.1509, 0.2115, 0.2489



48.1509, 0.4295, 0.3554



48.1509, 0.2301, 0.3407

Square

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



48.1509, 0.4295, 0.3554



48.1509, 0.3309, 0.4344



48.1509, 0.2085, 0.2848



48.1509, 0.2856, 0.2445

Rectangle

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



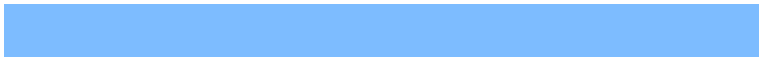
48.1509, 0.4295, 0.3554



48.1509, 0.4009, 0.4229



48.1509, 0.2085, 0.2848



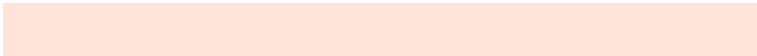
48.1509, 0.2267, 0.2379

Sweetspot

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



48.1484, 0.4295, 0.3554



81.1860, 0.3377, 0.3365



44.3530, 0.3395, 0.2341



16.8132, 0.3421, 0.3377



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.



48.1484, 0.4295, 0.3554



41.7676, 0.4633, 0.3594



73.6694, 0.3985, 0.4139



18.6002, 0.3289, 0.3340



12.6165, 0.6165, 0.3487



1.3768, 0.5957, 0.3652

Inverse Universe

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



68.9580, 0.2447, 0.2995



64.6596, 0.2344, 0.2929



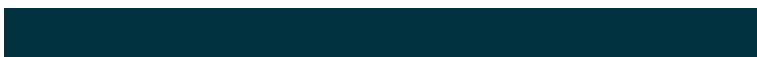
41.4913, 0.2309, 0.2249



19.8008, 0.2980, 0.3239



26.0336, 0.2057, 0.2604



2.6885, 0.2081, 0.2691

Previews

White Background



This preview shows how the Yxy color 48.1509, 0.4295, 0.3554 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 48.1509, 0.4295, 0.3554 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 48.1509, 0.4295, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 48.1509, 0.4295, 0.3554.



This preview shows how white text looks on a background with the Yxy color 48.1509, 0.4295, 0.3554.

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

48.1509, 0.4295, 0.3554

Protanopia

48.6436, 0.3549, 0.3789

Deuteranopia

48.3259, 0.3912, 0.3827



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.1509, 0.4295, 0.3554

Protanomaly

47.9091, 0.3809, 0.3700

Deuteranomaly

48.1429, 0.4054, 0.3724

Tritanomaly

48.1140, 0.4096, 0.3314

Monochromacy



Original Color

48.1509, 0.4295, 0.3554

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0832, 0.3518, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1509, 0.4295, 0.3554 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, 160, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 135)  
}
```

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, 160, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 135) }
```

Border

The CSS property to change the border of an element to Yxy 48.1509, 0.4295, 0.3554 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, 160, 135) }
```

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

```
.border{ border-color:rgb(255, 160, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1509, 0.4295, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 135) }
```

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

```
.background{ background-color: rgb(255,  
160, 135) }
```

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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