

Converting Colors

$Y_{xy}(50.7084, 0.4064, 0.3391)$

Have a look what the booklet for
Yxy(50.7084, 0.4064, 0.3391)
contains.

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Color

Yxy(50.5706, 0.4066, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	FFA59C
RGB	255, 165, 156
RGB Percent	100%, 65%, 61%
CMY	0.0000, 0.3529, 0.3883
CMYK	0.00, 0.35, 0.39, 0.00
HSL	5°, 100%, 81%
HSV	5°, 39%, 100%
XYZ	60.6907, 50.5706, 38.0026
YIQ	190.8840, 56.5290, 16.2810

Conversions

Conversions Part 2

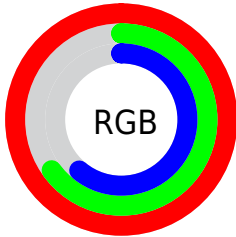
Format	Color
R _Y B	255, 166, 156
Decimal	16754076
CIE Lab	76.42, 32.20, 18.53
CIE LCh	76, 37.153, 29.912
Yxy	50.5706, 0.4066, 0.3388
Android (android.graphics.Color)	4294944156 (0xFFFFA59C)
YUV	190.8840, -17.1978, 56.2297
Hunter-Lab	71.1130, 27.8913, 18.0947

Details

The Yxy color **50.5706, 0.4066, 0.3388** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.1629, 0.2572, 0.3187**, and the grayscale version is **52.1074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6260, 0.3451, 0.3402**, and **24.3440, 0.4328, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **42.1823, 0.4443, 0.3411**, and if you desaturate by 10%, it is **60.6593, 0.3749, 0.3362**.

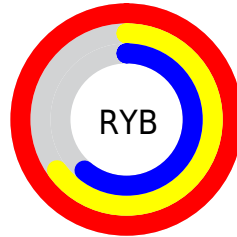
Distribution



Red (100%)

Green (65%)

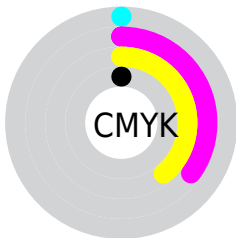
Blue (61%)



Red (100%)

Yellow (65%)

Blue (61%)

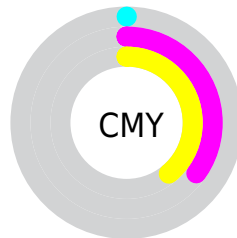


Cyan (0%)

Magenta (35%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5706, 0.4066, 0.3388 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 50.5706, 0.4066, 0.3388 by changing the saturation by 10% instead.


 50.5706, 0.4066,
0.3388

 50.5706, 0.4066,
0.3388

388.8932, 0.3598,
0.3356

 35.8670, 0.4181,
0.3391

 91.0197, 0.3897,
0.3380

 24.3315, 0.4328,
0.3392


 117.5340, 0.3833,
0.3376

 15.5797, 0.4520,
0.3388


148.7540, 0.3779,
0.3372

 9.2272, 0.4782,
0.3373

185.0641, 0.3733,
0.3369

 4.8897, 0.5155,
0.3334

226.8487, 0.3692,
0.3365

 2.1827, 0.5742,
0.3243

274.4921, 0.3657,

 0.7105, 0.6959,

0.3362

0.3041

328.3788, 0.3626,
0.3359

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5706, 0.4066,
0.3388

50.5706, 0.4066,
0.3388

42.1823, 0.4443,
0.3411

60.6593, 0.3749,
0.3362

35.3937, 0.4875,
0.3427

72.5270, 0.3490,
0.3336

30.1049, 0.5334,
0.3431

86.2564, 0.3279,
0.3311

26.2020, 0.5771,
0.3418

99.9977, 0.3127,
0.3290

■ 23.5543, 0.6119,
0.3387

■ 22.0028, 0.6329,
0.3346

■ 21.8819, 0.6347,
0.3343

Harmonies

Analogous

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



50.5706, 0.3727, 0.3001



50.5706, 0.4066, 0.3388



50.5706, 0.4123, 0.3782

Triad

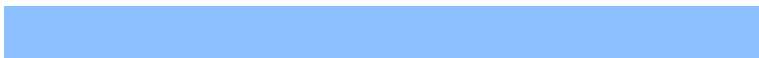
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.5706, 0.4066, 0.3388



50.5706, 0.2968, 0.4019



50.5706, 0.2380, 0.2505

Complementary

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



50.5706, 0.4066, 0.3388



80.1629, 0.2572, 0.3187

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.



50.5706, 0.2217, 0.2693



50.5706, 0.4066, 0.3388



50.5706, 0.2534, 0.3576

Square

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



50.5706, 0.4066, 0.3388



50.5706, 0.3466, 0.4207



50.5706, 0.2269, 0.3074



50.5706, 0.2737, 0.2512

Rectangle

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



50.5706, 0.4066, 0.3388



50.5706, 0.3998, 0.4007



50.5706, 0.2269, 0.3074



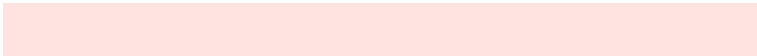
50.5706, 0.2303, 0.2545

Sweetspot

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



50.5731, 0.4066, 0.3388



81.7082, 0.3341, 0.3318



51.7249, 0.3239, 0.2398



17.0988, 0.3368, 0.3322



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.



50.5731, 0.4066, 0.3388



43.6006, 0.4370, 0.3407



71.6146, 0.3863, 0.3885



18.2536, 0.3292, 0.3312



11.5243, 0.6332, 0.3354



1.2080, 0.6195, 0.3463

Inverse Universe

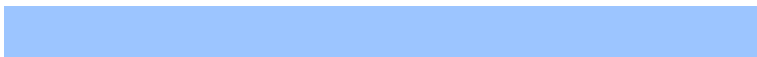
The Inverse Universe completely reimagines the original color for something new.



80.1629, 0.2572, 0.3187



77.1178, 0.2478, 0.3162



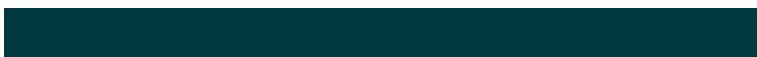
54.3213, 0.2484, 0.2606



20.1810, 0.2980, 0.3268



33.9615, 0.2167, 0.3001



3.3862, 0.2177, 0.3036

Previews

White Background



This preview shows how the Yxy color 50.5706, 0.4066, 0.3388 looks on a white background.

Color Contrast Check

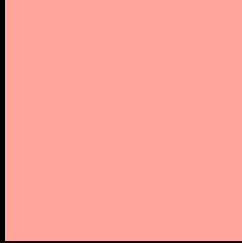
Large Text (above 18pt) WCAG AA × Fail

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 50.5706, 0.4066, 0.3388 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 50.5706, 0.4066, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 50.5706, 0.4066, 0.3388.



This preview shows how white text looks on a background with the Yxy color 50.5706, 0.4066, 0.3388.

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

50.5706, 0.4066, 0.3388

Protanopia

50.6639, 0.3361, 0.3542

Deuteranopia

50.9714, 0.3708, 0.3636



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.5706, 0.4066, 0.3388



Protanomaly

50.2283, 0.3601, 0.3482



Deuteranomaly

50.7074, 0.3840, 0.3543



Tritanomaly

50.6381, 0.3953, 0.3250

Monochromacy



Original Color

50.5706, 0.4066, 0.3388



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.9664, 0.3439, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5706, 0.4066, 0.3388 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, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 156)  
}
```

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, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 156) }
```

Border

The CSS property to change the border of an element to Yxy 50.5706, 0.4066, 0.3388 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, 165, 156) }
```

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

```
.border{ border-color:rgb(255, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5706, 0.4066, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 156) }
```

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

```
.background{ background-color: rgb(255,  
165, 156) }
```

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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