

Converting Colors

$Y_{xy}(54.4056, 0.4264, 0.3384)$

Have a look what the booklet for
Yxy(54.4056, 0.4264, 0.3384)
contains.

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Color

Yxy(50.1775, 0.4080, 0.3388)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA49B |
| RGB | 255, 164, 155 |
| RGB Percent | 100%, 64%, 61% |
| CMY | 0.0001, 0.3568, 0.3922 |
| CMYK | 0.00, 0.36, 0.39, 0.00 |
| HSL | 5°, 100%, 80% |
| HSV | 5°, 39%, 100% |
| XYZ | 60.4263, 50.1775, 37.4998 |
| YIQ | 190.1830, 57.1250, 16.4930 |

Conversions

Conversions Part 2

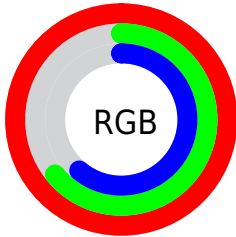
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 165, 155 |
| Decimal | 16753819 |
| CIE Lab | 76.18, 32.61, 18.74 |
| CIE LCh | 76, 37.611, 29.879 |
| Yxy | 50.1775, 0.4080, 0.3388 |
| Android (android.graphics.Color) | 4294943899 (0xFFFFA49B) |
| YUV | 190.1830, -17.3452, 56.8445 |
| Hunter-Lab | 70.8361, 28.3052, 18.1978 |

Details

The Yxy color **50.1775, 0.4080, 0.3388** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.0635, 0.2568, 0.3187**, and the grayscale version is **51.6816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0498, 0.3459, 0.3402**, and **24.1041, 0.4348, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **41.8526, 0.4460, 0.3411**, and if you desaturate by 10%, it is **60.2019, 0.3761, 0.3362**.

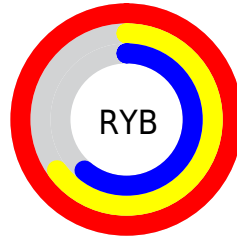
Distribution



Red (100%)

Green (64%)

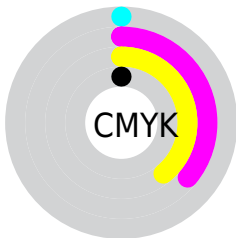
Blue (61%)



Red (100%)

Yellow (65%)

Blue (61%)

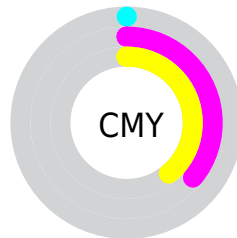


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1775, 0.4080, 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 50.1775, 0.4080, 0.3388 by changing the saturation by 10% instead.


 50.1775, 0.4080,
0.3388

 50.1775, 0.4080,
0.3388


387.3597, 0.3605,
0.3357

 35.5545, 0.4197,
0.3391


 90.4378, 0.3908,
0.3381

 24.0903, 0.4346,
0.3391


 116.8439, 0.3843,
0.3377

 15.4006, 0.4542,
0.3386


147.9464, 0.3788,
0.3373

 9.1010, 0.4809,
0.3370

184.1298, 0.3741,
0.3369

 4.8071, 0.5189,
0.3328

225.7784, 0.3700,
0.3366

 2.1346, 0.5794,
0.3235

273.2766, 0.3664,

 0.6840, 0.7009,

0.3362

0.2991

327.0089, 0.3633,
0.3359

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1775, 0.4080,
0.3388

50.1775, 0.4080,
0.3388

41.8526, 0.4460,
0.3411

60.2019, 0.3761,
0.3362

35.1261, 0.4893,
0.3426

72.0051, 0.3499,
0.3336

29.8974, 0.5353,
0.3430

85.6703, 0.3287,
0.3311

26.0515, 0.5788,
0.3416

99.9973, 0.3127,
0.3290

■ 23.4565, 0.6132,
0.3384

■ 21.9507, 0.6336,
0.3344

■ 21.8720, 0.6348,
0.3342

Harmonies

Analogous

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



50.1775, 0.3736, 0.2997



50.1775, 0.4080, 0.3388



50.1775, 0.4138, 0.3788

Triad

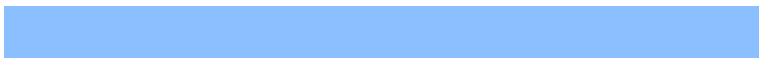
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.1775, 0.4080, 0.3388



50.1775, 0.2965, 0.4031



50.1775, 0.2369, 0.2494

Complementary

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



50.1775, 0.4080, 0.3388



80.0635, 0.2568, 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.



50.1775, 0.2205, 0.2685



50.1775, 0.4080, 0.3388



50.1775, 0.2526, 0.3581

Square

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



50.1775, 0.4080, 0.3388



50.1775, 0.3471, 0.4221



50.1775, 0.2258, 0.3071



50.1775, 0.2730, 0.2502

Rectangle

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



50.1775, 0.4080, 0.3388



50.1775, 0.4011, 0.4016



50.1775, 0.2258, 0.3071



50.1775, 0.2291, 0.2535

Sweetspot

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



50.1800, 0.4080, 0.3388



81.6926, 0.3341, 0.3318



51.3860, 0.3241, 0.2390



17.0952, 0.3368, 0.3321



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.



50.1800, 0.4080, 0.3388



43.5663, 0.4370, 0.3406



71.3702, 0.3872, 0.3891



18.2509, 0.3292, 0.3312



11.5187, 0.6333, 0.3353



1.2067, 0.6197, 0.3461

Inverse Universe

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



80.0635, 0.2568, 0.3187



77.1847, 0.2478, 0.3164



53.9576, 0.2477, 0.2598



20.1840, 0.2980, 0.3268



34.0300, 0.2168, 0.3004



3.3922, 0.2178, 0.3039

Previews

White Background



This preview shows how the Yxy color 50.1775, 0.4080, 0.3388 looks on a white background.

Color Contrast Check

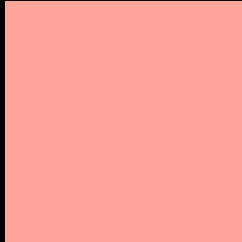
Large Text (above 18pt) WCAG AA × Fail

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 50.1775, 0.4080, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

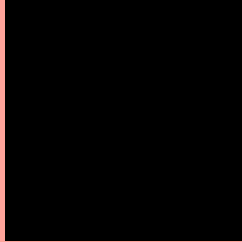
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1775, 0.4080, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 50.1775, 0.4080, 0.3388.

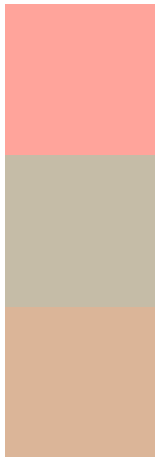


This preview shows how white text looks on a background with the Yxy color 50.1775, 0.4080, 0.3388.

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

50.1775, 0.4080, 0.3388

Protanopia

50.6268, 0.3369, 0.3555

Deuteranopia

50.3748, 0.3712, 0.3637



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.1775, 0.4080, 0.3388

Protanomaly

49.7900, 0.3612, 0.3482

Deuteranomaly

50.1157, 0.3844, 0.3544

Tritanomaly

50.2444, 0.3966, 0.3250

Monochromacy



Original Color

50.1775, 0.4080, 0.3388

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.5182, 0.3449, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1775, 0.4080, 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, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 155)  
}
```

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, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 155) }
```

Border

The CSS property to change the border of an element to Yxy 50.1775, 0.4080, 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, 164, 155) }
```

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

```
.border{ border-color:rgb(255, 164, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 164, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1775, 0.4080, 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, 164, 155) }
```

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

```
.background{ background-color: rgb(255,  
164, 155) }
```

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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