

Converting Colors

$Y_{xy}(50.3071, 0.4097, 0.3414)$

Have a look what the booklet for
Yxy(50.3071, 0.4097, 0.3414)
contains.

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Color

Yxy(50.4702, 0.4095, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	FFA599
RGB	255, 165, 153
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3529, 0.4000
CMYK	0.00, 0.35, 0.40, 0.00
HSL	7°, 100%, 80%
HSV	7°, 40%, 100%
XYZ	60.4491, 50.4702, 36.6975
YIQ	190.5420, 57.4920, 15.3480

Conversions

Conversions Part 2

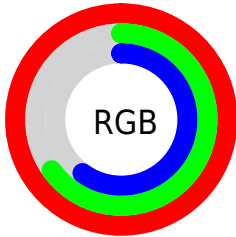
Format	Color
R_{YB}	255, 167, 153
Decimal	16754073
CIE _{Lab}	76.36, 31.90, 20.05
CIE _{LCh}	76, 37.675, 32.157
Yxy	50.4702, 0.4095, 0.3419
Android (android.graphics.Color)	4294944153 (0xFFFFA599)
YUV	190.5420, -18.5082, 56.5297
Hunter-Lab	71.0424, 27.5593, 19.1029

Details

The Yxy color **50.4702, 0.4095, 0.3419** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.1027, 0.2553, 0.3153**, and the grayscale version is **51.9052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4779, 0.3472, 0.3433**, and **24.2834, 0.4368, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **42.2997, 0.4471, 0.3448**, and if you desaturate by 10%, it is **60.2491, 0.3777, 0.3386**.

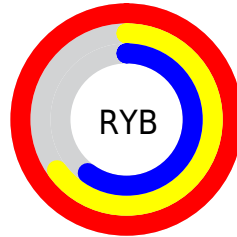
Distribution



Red (100%)

Green (65%)

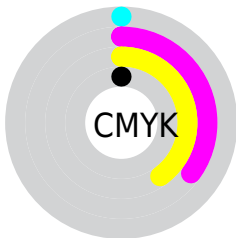
Blue (60%)



Red (100%)

Yellow (65%)

Blue (60%)

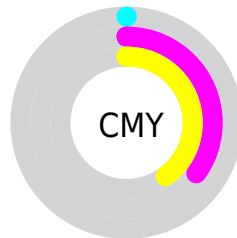


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4702, 0.4095, 0.3419 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 50.4702, 0.4095, 0.3419 by changing the saturation by 10% instead.


 50.4702, 0.4095,
0.3419

 50.4702, 0.4095,
0.3419


388.5019, 0.3613,
0.3373

 35.7871, 0.4214,
0.3425


 90.8712, 0.3921,
0.3407

 24.2699, 0.4364,
0.3429


 117.3579, 0.3855,
0.3401

 15.5339, 0.4562,
0.3428


148.5479, 0.3799,
0.3395

 9.1950, 0.4830,
0.3418

184.8256, 0.3751,
0.3390

 4.8686, 0.5211,
0.3383

226.5755, 0.3710,
0.3385

 2.1703, 0.5827,
0.3305

274.1819, 0.3673,

 0.7038, 0.6951,

0.3381

0.3049

328.0292, 0.3641,
0.3377

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4702, 0.4095,
0.3419

50.4702, 0.4095,
0.3419

42.2997, 0.4471,
0.3448

60.2491, 0.3777,
0.3386

35.6509, 0.4898,
0.3468

71.7160, 0.3515,
0.3352

30.4293, 0.5349,
0.3472

84.9455, 0.3301,
0.3320

26.5296, 0.5775,
0.3454

100.0000, 0.3127,
0.3290

■ 23.8319, 0.6113,
0.3414

■ 22.1876, 0.6321,
0.3363

■ 22.1871, 0.6321,
0.3363

Harmonies

Analogous

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



50.4702, 0.3770, 0.3024



50.4702, 0.4095, 0.3419



50.4702, 0.4129, 0.3816

Triad

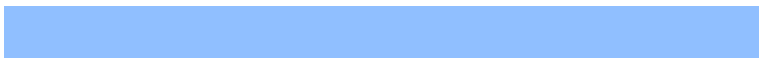
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.4702, 0.4095, 0.3419



50.4702, 0.2928, 0.4004



50.4702, 0.2390, 0.2488

Complementary

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



50.4702, 0.4095, 0.3419



78.1027, 0.2553, 0.3153

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.



50.4702, 0.2210, 0.2663



50.4702, 0.4095, 0.3419



50.4702, 0.2499, 0.3541

Square

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



50.4702, 0.4095, 0.3419



50.4702, 0.3433, 0.4218



50.4702, 0.2246, 0.3036



50.4702, 0.2764, 0.2510

Rectangle

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



50.4702, 0.4095, 0.3419



50.4702, 0.3989, 0.4038



50.4702, 0.2246, 0.3036



50.4702, 0.2307, 0.2524

Sweetspot

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



50.4703, 0.4095, 0.3419



82.1484, 0.3340, 0.3326



50.5238, 0.3272, 0.2402



17.2015, 0.3367, 0.3331



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.



50.4703, 0.4095, 0.3419



43.8054, 0.4392, 0.3443



72.6233, 0.3876, 0.3935



18.3307, 0.3292, 0.3319



11.7011, 0.6304, 0.3377



1.2443, 0.6141, 0.3506

Inverse Universe

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



78.1027, 0.2553, 0.3153



74.8565, 0.2460, 0.3122



51.7401, 0.2457, 0.2539



20.0954, 0.2980, 0.3261



32.0638, 0.2143, 0.2914



3.2207, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 50.4702, 0.4095, 0.3419 looks on a white background.

Color Contrast Check

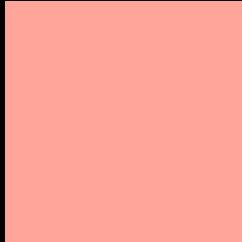
Large Text (above 18pt) WCAG AA × Fail

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 50.4702, 0.4095, 0.3419 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 50.4702, 0.4095, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 50.4702, 0.4095, 0.3419.



This preview shows how white text looks on a background with the Yxy color 50.4702, 0.4095, 0.3419.

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

50.4702, 0.4095, 0.3419

Protanopia

50.6525, 0.3402, 0.3592

Deuteranopia

50.4654, 0.3738, 0.3660



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.4702, 0.4095, 0.3419



Protanomaly

50.2407, 0.3645, 0.3530



Deuteranomaly

50.2179, 0.3871, 0.3566



Tritanomaly

50.6009, 0.3963, 0.3261

Monochromacy



Original Color

50.4702, 0.4095, 0.3419



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.9264, 0.3447, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4702, 0.4095, 0.3419 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.4702, 0.4095, 0.3419 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, 153) }
```

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

```
.border{ border-color:rgb(255, 165, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4702, 0.4095, 0.3419 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
165, 153) }
```

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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