

Converting Colors

$Y_{xy}(50.9825, 0.4089, 0.3434)$

Have a look what the booklet for
Yxy(50.9825, 0.4089, 0.3434)
contains.

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Color

Yxy(50.8323, 0.4091, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	FFA699
RGB	255, 166, 153
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3490, 0.4001
CMYK	0.00, 0.35, 0.40, 0.00
HSL	8°, 100%, 80%
HSV	8°, 40%, 100%
XYZ	60.6283, 50.8323, 36.7386
YIQ	191.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

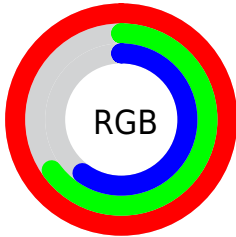
Format	Color
R_{YB}	255, 168, 153
Decimal	16754329
CIE _{Lab}	76.58, 31.37, 20.38
CIE _{LCh}	77, 37.409, 33.011
Yxy	50.8323, 0.4091, 0.3430
Android (android.graphics.Color)	4294944409 (0xFFFFA699)
YUV	191.1290, -18.7976, 56.0149
Hunter-Lab	71.2968, 27.0207, 19.3562

Details

The Yxy color **50.8323, 0.4091, 0.3430** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.4735, 0.2551, 0.3141**, and the grayscale version is **52.2626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0075, 0.3470, 0.3443**, and **24.5053, 0.4361, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **42.6779, 0.4464, 0.3462**, and if you desaturate by 10%, it is **60.5639, 0.3775, 0.3394**.

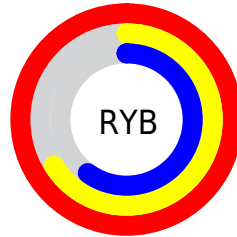
Distribution



Red (100%)

Green (65%)

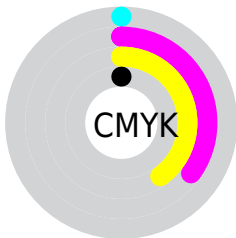
Blue (60%)



Red (100%)

Yellow (66%)

Blue (60%)

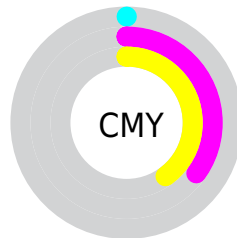


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8323, 0.4091, 0.3430 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 50.8323, 0.4091, 0.3430 by changing the saturation by 10% instead.

 50.8323, 0.4091,
0.3430


 50.8323, 0.4091,
0.3430


389.9119, 0.3611,
0.3379

 36.0752, 0.4209,
0.3437


 91.4068, 0.3918,
0.3416

 24.4923, 0.4358,
0.3443


 117.9930, 0.3852,
0.3409

 15.6992, 0.4554,
0.3445


149.2910, 0.3797,
0.3403

 9.3115, 0.4820,
0.3437

185.6852, 0.3749,
0.3397

 4.9449, 0.5197,
0.3406

227.5600, 0.3708,
0.3392

 2.2150, 0.5803,
0.3334

275.2998, 0.3672,

 0.7281, 0.6900,

0.3387

0.3100

329.2889, 0.3640,
0.3383

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8323, 0.4091,
0.3430

50.8323, 0.4091,
0.3430

42.6779, 0.4464,
0.3462

60.5639, 0.3775,
0.3394

36.0191, 0.4887,
0.3483

71.9518, 0.3514,
0.3358

30.7638, 0.5335,
0.3488

85.0679, 0.3301,
0.3323

26.8107, 0.5759,
0.3470

99.9799, 0.3127,
0.3290

■ 24.0445, 0.6098,
0.3427

100.0000, 0.3127,
0.3290

■ 22.3242, 0.6310,
0.3372

Harmonies

Analogous

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



50.8323, 0.3776, 0.3037



50.8323, 0.4091, 0.3430



50.8323, 0.4117, 0.3822

Triad

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



50.8323, 0.4091, 0.3430



50.8323, 0.2916, 0.3986



50.8323, 0.2405, 0.2493

Complementary

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



50.8323, 0.4091, 0.3430



77.4735, 0.2551, 0.3141

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.



50.8323, 0.2220, 0.2661



50.8323, 0.4091, 0.3430



50.8323, 0.2494, 0.3525

Square

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



50.8323, 0.4091, 0.3430



50.8323, 0.3417, 0.4207



50.8323, 0.2250, 0.3026



50.8323, 0.2781, 0.2520

Rectangle

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



50.8323, 0.4091, 0.3430



50.8323, 0.3973, 0.4040



50.8323, 0.2250, 0.3026



50.8323, 0.2320, 0.2527

Sweetspot

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



50.8317, 0.4091, 0.3430



82.3204, 0.3340, 0.3330



50.5088, 0.3272, 0.2402



17.2416, 0.3366, 0.3334



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.



50.8317, 0.4091, 0.3430



44.1961, 0.4384, 0.3456



72.6130, 0.3876, 0.3936



18.3608, 0.3291, 0.3321



11.7799, 0.6291, 0.3387



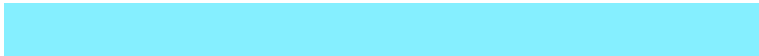
1.2584, 0.6120, 0.3522

Inverse Universe

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



77.4735, 0.2551, 0.3141



74.1209, 0.2458, 0.3107



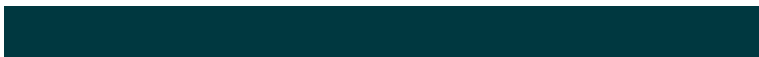
51.7236, 0.2457, 0.2539



20.0621, 0.2980, 0.3259



31.3441, 0.2134, 0.2880



3.1577, 0.2148, 0.2931

Previews

White Background



This preview shows how the Yxy color 50.8323, 0.4091, 0.3430 looks on a white background.

Color Contrast Check

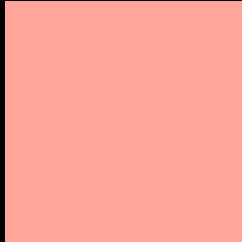
Large Text (above 18pt) WCAG AA × Fail

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 50.8323, 0.4091, 0.3430 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 50.8323, 0.4091, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 50.8323, 0.4091, 0.3430.



This preview shows how white text looks on a background with the Yxy color 50.8323, 0.4091, 0.3430.

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

50.8323, 0.4091, 0.3430

Protanopia

51.2176, 0.3409, 0.3604

Deuteranopia

51.0301, 0.3744, 0.3670



Tritanopia

50.9061, 0.3884, 0.3176

Trichromacy



Original Color

50.8323, 0.4091, 0.3430

Protanomaly

50.6459, 0.3642, 0.3541

Deuteranomaly

50.6087, 0.3867, 0.3577

Tritanomaly

50.9603, 0.3959, 0.3271

Monochromacy



Original Color

50.8323, 0.4091, 0.3430

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 50.8323, 0.4091, 0.3430 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, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 153) }
```

Border

The CSS property to change the border of an element to Yxy 50.8323, 0.4091, 0.3430 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, 166, 153) }
```

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

```
.border{ border-color:rgb(255, 166, 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, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8323, 0.4091, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 153) }
```

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

```
.background{ background-color: rgb(255,  
166, 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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