

Converting Colors

Yxy(53.6347, 0.4230, 0.3449)

Have a look what the booklet for
Yxy(53.6347, 0.4230, 0.3449)
contains.

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Color

Yxy(50.7668, 0.4110, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	FFA697
RGB	255, 166, 151
RGB Percent	100%, 65%, 59%
CMY	0.0000, 0.3490, 0.4079
CMYK	0.00, 0.35, 0.41, 0.00
HSL	9°, 100%, 80%
HSV	9°, 41%, 100%
XYZ	60.4612, 50.7668, 35.8795
YIQ	190.9010, 57.8590, 14.2030

Conversions

Conversions Part 2

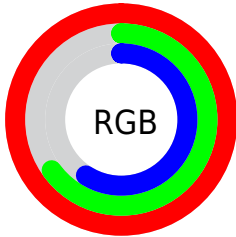
Format	Color
R _Y B	255, 169, 151
Decimal	16754327
CIE Lab	76.54, 31.15, 21.41
CIE LCh	77, 37.792, 34.500
Yxy	50.7668, 0.4110, 0.3451
Android (android.graphics.Color)	4294944407 (0xFFFFA697)
YUV	190.9010, -19.6712, 56.2148
Hunter-Lab	71.2508, 26.7805, 20.0191

Details

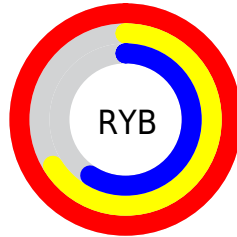
The Yxy color **50.7668, 0.4110, 0.3451** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.0982, 0.2538, 0.3118**, and the grayscale version is **52.1312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9103, 0.3484, 0.3463**, and **24.4661, 0.4388, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **42.7578, 0.4482, 0.3486**, and if you desaturate by 10%, it is **60.3042, 0.3794, 0.3411**.

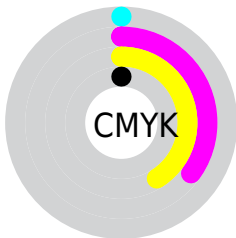
Distribution



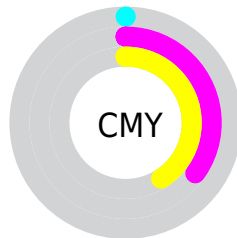
- Red (100%)
- Green (65%)
- Blue (59%)



- Red (100%)
- Yellow (66%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7668, 0.4110, 0.3451 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 50.7668, 0.4110, 0.3451 by changing the saturation by 10% instead.

 50.7668, 0.4110,
0.3451

 50.7668, 0.4110,
0.3451

389.6571, 0.3621,
0.3391

 36.0231, 0.4230,
0.3460


 91.3100, 0.3933,
0.3434

 24.4520, 0.4382,
0.3468


 117.8782, 0.3867,
0.3426

 15.6693, 0.4581,
0.3472


149.1567, 0.3810,
0.3419

 9.2904, 0.4851,
0.3467

185.5298, 0.3762,
0.3412

 4.9311, 0.5232,
0.3438

227.3821, 0.3719,
0.3406

 2.2069, 0.5861,
0.3379

275.0977, 0.3682,

 0.7237, 0.6893,

0.3400

0.3107

329.0613, 0.3650,
0.3395

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7668, 0.4110,
0.3451

50.7668, 0.4110,
0.3451

42.7578, 0.4482,
0.3486

60.3042, 0.3794,
0.3411

36.1916, 0.4902,
0.3510

71.4377, 0.3531,
0.3370

30.9835, 0.5344,
0.3515

84.2381, 0.3316,
0.3330

27.0371, 0.5760,
0.3494

98.7703, 0.3140,
0.3293

■ 24.2433, 0.6092,
0.3446

100.0000, 0.3127,
0.3290

■ 22.5738, 0.6289,
0.3388

Harmonies

Analogous

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



50.7668, 0.3804, 0.3053



50.7668, 0.4110, 0.3451



50.7668, 0.4120, 0.3845

Triad

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



50.7668, 0.4110, 0.3451



50.7668, 0.2890, 0.3975



50.7668, 0.2412, 0.2482

Complementary

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



50.7668, 0.4110, 0.3451



76.0982, 0.2538, 0.3118

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.



50.7668, 0.2216, 0.2641



50.7668, 0.4110, 0.3451



50.7668, 0.2471, 0.3501

Square

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



50.7668, 0.4110, 0.3451



50.7668, 0.3394, 0.4214



50.7668, 0.2234, 0.3000



50.7668, 0.2800, 0.2518

Rectangle

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



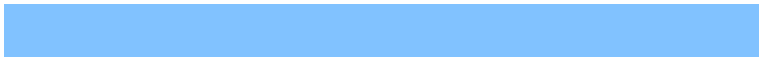
50.7668, 0.4110, 0.3451



50.7668, 0.3966, 0.4061



50.7668, 0.2234, 0.3000



50.7668, 0.2324, 0.2513

Sweetspot

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



50.7688, 0.4110, 0.3451



82.6036, 0.3339, 0.3335



49.7440, 0.3290, 0.2400



17.3077, 0.3366, 0.3340



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.



50.7688, 0.4110, 0.3451



44.0861, 0.4412, 0.3480



73.0460, 0.3886, 0.3965



18.4104, 0.3291, 0.3325



11.9222, 0.6269, 0.3404



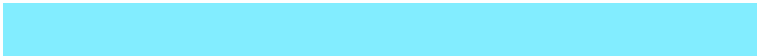
1.2816, 0.6087, 0.3549

Inverse Universe

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



76.0982, 0.2538, 0.3118



72.5057, 0.2442, 0.3077



50.2429, 0.2439, 0.2500



20.0076, 0.2980, 0.3255



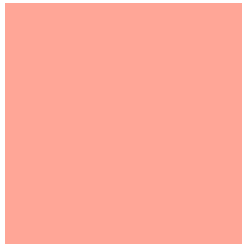
30.1853, 0.2118, 0.2824



3.0560, 0.2134, 0.2882

Previews

White Background



This preview shows how the Yxy color 50.7668, 0.4110, 0.3451 looks on a white background.

Color Contrast Check

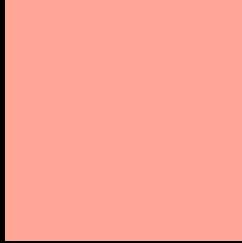
Large Text (above 18pt) WCAG AA × Fail

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 50.7668, 0.4110, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

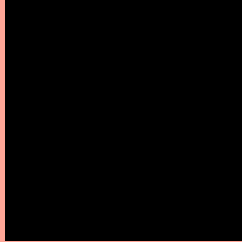
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7668, 0.4110, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 50.7668, 0.4110, 0.3451.



This preview shows how white text looks on a background with the Yxy color 50.7668, 0.4110, 0.3451.

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

50.7668, 0.4110, 0.3451

Protanopia

51.1459, 0.3425, 0.3629

Deuteranopia

50.9662, 0.3761, 0.3694



Tritanopia

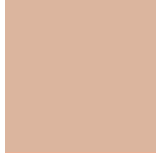
50.9061, 0.3884, 0.3176

Trichromacy



Original Color

50.7668, 0.4110, 0.3451



Protanomaly

50.5764, 0.3659, 0.3565



Deuteranomaly

50.5442, 0.3885, 0.3600



Tritanomaly

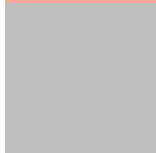
50.9234, 0.3969, 0.3282

Monochromacy



Original Color

50.7668, 0.4110, 0.3451



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.8866, 0.3456, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7668, 0.4110, 0.3451 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 50.7668, 0.4110, 0.3451 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, 151) }
```

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

```
.border{ border-color:rgb(255, 166, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7668, 0.4110, 0.3451 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
166, 151) }
```

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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