

Converting Colors

Yxy(50.6941, 0.4109, 0.3564)

Have a look what the booklet for
Yxy(50.6941, 0.4109, 0.3564)
contains.

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Color

Yxy(50.5293, 0.4108, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	F9A990
RGB	249, 169, 144
RGB Percent	98%, 66%, 56%
CMY	0.0235, 0.3372, 0.4352
CMYK	0.00, 0.32, 0.42, 0.02
HSL	14°, 90%, 77%
HSV	14°, 42%, 98%
XYZ	58.2910, 50.5293, 33.0760
YIQ	190.0700, 55.7050, 9.1850

Conversions

Conversions Part 2

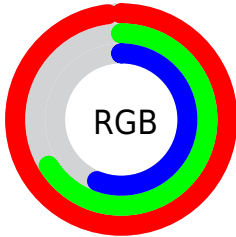
Format	Color
R _Y B	249, 177, 144
Decimal	16361872
CIE Lab	76.39, 26.56, 24.85
CIE LCh	76, 36.375, 43.097
Yxy	50.5293, 0.4108, 0.3561
Android (android.graphics.Color)	4294551952 (0xFFFF9A990)
YUV	190.0700, -22.7125, 51.6816
Hunter-Lab	71.0840, 21.9785, 22.1706

Details

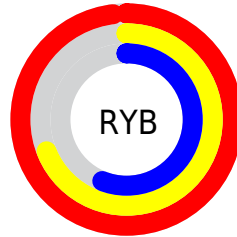
The Yxy color **50.5293, 0.4108, 0.3561** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.0956, 0.2503, 0.2993**, and the grayscale version is **51.6467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1876, 0.3528, 0.3565**, and **24.2282, 0.4386, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **43.2967, 0.4456, 0.3619**, and if you desaturate by 10%, it is **58.9594, 0.3807, 0.3496**.

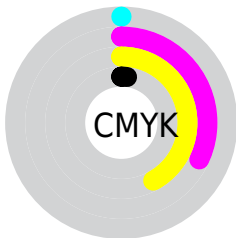
Distribution



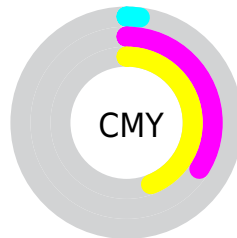
- Red (98%)
- Green (66%)
- Blue (56%)



- Red (98%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5293, 0.4108, 0.3561 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 50.5293, 0.4108, 0.3561 by changing the saturation by 10% instead.


 50.5293, 0.4108,
0.3561


 50.5293, 0.4108,
0.3561


388.7322, 0.3620,
0.3448

 35.8341, 0.4227,
0.3582


 90.9586, 0.3932,
0.3525

 24.3061, 0.4378,
0.3605


 117.4616, 0.3866,
0.3510

 15.5609, 0.4575,
0.3629


148.6692, 0.3809,
0.3497

 9.2140, 0.4840,
0.3648

184.9660, 0.3761,
0.3485

 4.8810, 0.5210,
0.3648

226.7363, 0.3719,
0.3474

 2.1776, 0.5909,
0.3687

274.3645, 0.3682,

 0.7077, 0.6670,

0.3464

0.3330

328.2350, 0.3649,
0.3455

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5293, 0.4108,
0.3561

50.5293, 0.4108,
0.3561

43.2967, 0.4456,
0.3619

58.9594, 0.3807,
0.3496

37.1990, 0.4842,
0.3660

68.6310, 0.3552,
0.3429

32.1792, 0.5246,
0.3673

79.5948, 0.3338,
0.3364

28.1717, 0.5629,
0.3649

91.8968, 0.3161,
0.3303

■ 25.1034, 0.5946,
0.3584

■ 98.8801, 0.3090,
0.3290

■ 23.2935, 0.6131,
0.3514

Harmonies

Analogous

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



50.5293, 0.3889, 0.3169



50.5293, 0.4108, 0.3561



50.5293, 0.4035, 0.3925

Triad

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



50.5293, 0.4108, 0.3561



50.5293, 0.2770, 0.3834



50.5293, 0.2527, 0.2500

Complementary

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



50.5293, 0.4108, 0.3561



66.0956, 0.2503, 0.2993

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.



50.5293, 0.2279, 0.2600



50.5293, 0.4108, 0.3561



50.5293, 0.2407, 0.3350

Square

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



50.5293, 0.4108, 0.3561



50.5293, 0.3246, 0.4144



50.5293, 0.2237, 0.2895



50.5293, 0.2946, 0.2585

Rectangle

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



50.5293, 0.4108, 0.3561



50.5293, 0.3842, 0.4103



50.5293, 0.2237, 0.2895



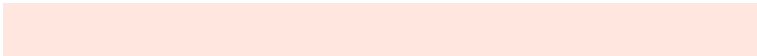
50.5293, 0.2423, 0.2512

Sweetspot

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



50.5318, 0.4108, 0.3561



82.9736, 0.3355, 0.3369



45.5038, 0.3392, 0.2467



17.1923, 0.3400, 0.3383



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.



50.5318, 0.4108, 0.3561



46.4807, 0.4416, 0.3613



73.8719, 0.3870, 0.4086



17.8955, 0.3288, 0.3347



12.6496, 0.6105, 0.3535



1.3279, 0.5878, 0.3714

Inverse Universe

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



66.0956, 0.2503, 0.2993



64.9177, 0.2391, 0.2919



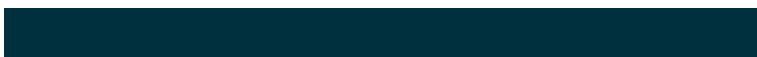
42.2837, 0.2394, 0.2334



18.8675, 0.2980, 0.3232



23.5474, 0.2028, 0.2501



2.3433, 0.2057, 0.2606

Previews

White Background



This preview shows how the Yxy color 50.5293, 0.4108, 0.3561 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 50.5293, 0.4108, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

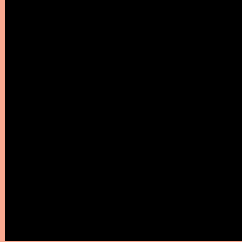
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5293, 0.4108, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 50.5293, 0.4108, 0.3561.

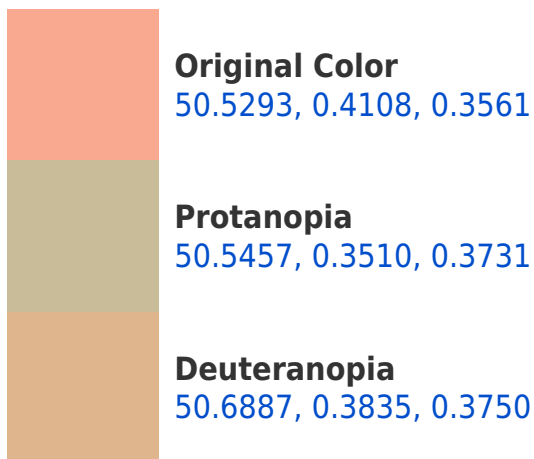


This preview shows how white text looks on a background with the Yxy color 50.5293, 0.4108, 0.3561.

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





Tritanopia

50.4207, 0.3838, 0.3154

Trichromacy



Original Color

50.5293, 0.4108, 0.3561

Protanomaly

50.1552, 0.3720, 0.3662

Deuteranomaly

50.5833, 0.3926, 0.3680

Tritanomaly

50.4983, 0.3938, 0.3303

Monochromacy



Original Color

50.5293, 0.4108, 0.3561

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.3219, 0.3455, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5293, 0.4108, 0.3561 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(249, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(249, 169, 144)  
}
```

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(249, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 169, 144) }
```

Border

The CSS property to change the border of an element to Yxy 50.5293, 0.4108, 0.3561 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(249, 169, 144) }
```

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

```
.border{ border-color:rgb(249, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(249, 169,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5293, 0.4108, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 169, 144) }
```

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

```
.background{ background-color: rgb(249,  
169, 144) }
```

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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