

Converting Colors

$Y_{xy}(49.6983, 0.4042, 0.3508)$

Have a look what the booklet for
Yxy(49.6983, 0.4042, 0.3508)
contains.

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Color

Yxy(49.7362, 0.4048, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	F6A894
RGB	246, 168, 148
RGB Percent	96%, 66%, 58%
CMY	0.0352, 0.3412, 0.4195
CMYK	0.00, 0.32, 0.40, 0.04
HSL	12°, 85%, 77%
HSV	12°, 40%, 96%
XYZ	57.3596, 49.7362, 34.6028
YIQ	189.0420, 52.9080, 10.3160

Conversions

Conversions Part 2

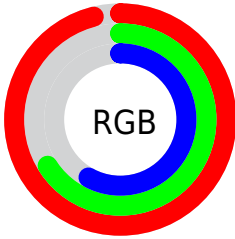
Format	Color
R _Y B	246, 173, 148
Decimal	16165012
CIE Lab	75.91, 26.38, 21.98
CIE LCh	76, 34.335, 39.797
Yxy	49.7362, 0.4048, 0.3510
Android (android.graphics.Color)	4294355092 (0xFFF6A894)
YUV	189.0420, -20.2337, 49.9522
Hunter-Lab	70.5239, 21.7636, 20.2759

Details

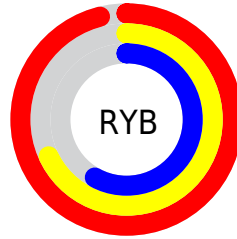
The Yxy color **49.7362, 0.4048, 0.3510** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.3688, 0.2540, 0.3053**, and the grayscale version is **51.0118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8356, 0.3502, 0.3514**, and **23.6893, 0.4306, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **42.3449, 0.4396, 0.3561**, and if you desaturate by 10%, it is **58.3872, 0.3751, 0.3453**.

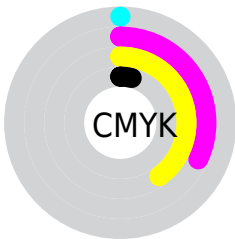
Distribution



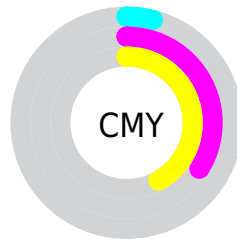
- Red (96%)
- Green (66%)
- Blue (58%)



- Red (96%)
- Yellow (68%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (40%)
- Black (4%)




- Cyan (4%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7362, 0.4048, 0.3510 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 49.7362, 0.4048, 0.3510 by changing the saturation by 10% instead.


 49.7362, 0.4048,
0.3510


 49.7362, 0.4048,
0.3510


385.6334, 0.3588,
0.3418

 35.2038, 0.4161,
0.3527


 89.7839, 0.3882,
0.3481

 23.8199, 0.4305,
0.3545


 116.0680, 0.3819,
0.3469

 15.2001, 0.4494,
0.3563


147.0382, 0.3766,
0.3458

 8.9599, 0.4750,
0.3577

183.0788, 0.3720,
0.3448

 4.7151, 0.5114,
0.3575

224.5742, 0.3681,
0.3440

 2.0811, 0.5763,
0.3582

271.9089, 0.3646,

 0.6539, 0.6721,

0.3432

0.3279

325.4671, 0.3615,
0.3425

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.7362, 0.4048,
0.3510

49.7362, 0.4048,
0.3510

42.3449, 0.4396,
0.3561

58.3872, 0.3751,
0.3453

36.1469, 0.4788,
0.3599

68.3459, 0.3502,
0.3396

31.0806, 0.5204,
0.3615

79.6664, 0.3295,
0.3341

27.0758, 0.5608,
0.3598

92.3978, 0.3125,
0.3289

■ 24.0539, 0.5950,
0.3544

■ 98.3358, 0.3072,
0.3290

■ 21.9186, 0.6192,
0.3464

■ 21.8894, 0.6195,
0.3463

Harmonies

Analogous

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



49.7362, 0.3812, 0.3137



49.7362, 0.4048, 0.3510



49.7362, 0.4011, 0.3863

Triad

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



49.7362, 0.4048, 0.3510



49.7362, 0.2835, 0.3847



49.7362, 0.2521, 0.2539

Complementary

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



49.7362, 0.4048, 0.3510



67.3688, 0.2540, 0.3053

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.



49.7362, 0.2305, 0.2656



49.7362, 0.4048, 0.3510



49.7362, 0.2473, 0.3400

Square

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



49.7362, 0.4048, 0.3510



49.7362, 0.3294, 0.4113



49.7362, 0.2286, 0.2958



49.7362, 0.2906, 0.2600

Rectangle

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



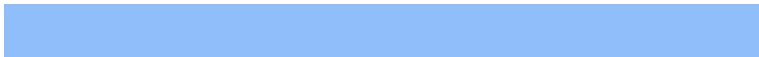
49.7362, 0.4048, 0.3510



49.7362, 0.3844, 0.4041



49.7362, 0.2286, 0.2958



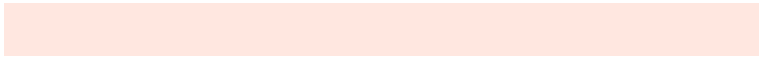
49.7362, 0.2428, 0.2557

Sweetspot

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



49.7386, 0.4048, 0.3510



83.6124, 0.3337, 0.3353



46.2967, 0.3344, 0.2481



17.5434, 0.3363, 0.3360



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.



49.7386, 0.4048, 0.3510



47.2423, 0.4332, 0.3553



71.1638, 0.3837, 0.4011



17.0295, 0.3289, 0.3339



11.8404, 0.6170, 0.3483



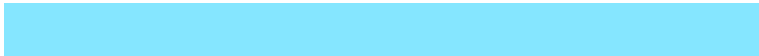
1.1810, 0.5940, 0.3665

Inverse Universe

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



67.3688, 0.2540, 0.3053



68.7964, 0.2437, 0.2995



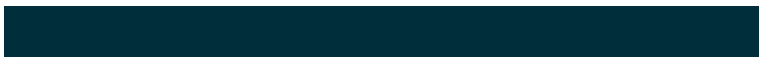
44.5637, 0.2445, 0.2440



18.1505, 0.2980, 0.3241



24.7966, 0.2062, 0.2621



2.3209, 0.2087, 0.2715

Previews

White Background



This preview shows how the Yxy color 49.7362, 0.4048, 0.3510 looks on a white background.

Color Contrast Check

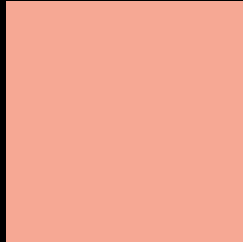
Large Text (above 18pt) WCAG AA × Fail

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 49.7362, 0.4048, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

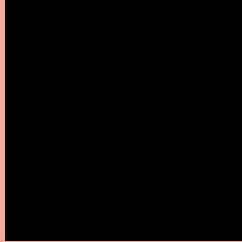
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7362, 0.4048, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 49.7362, 0.4048, 0.3510.

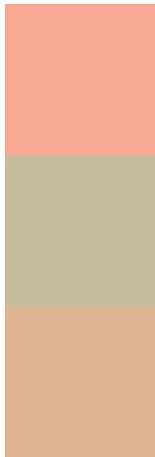


This preview shows how white text looks on a background with the Yxy color 49.7362, 0.4048, 0.3510.

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

49.7362, 0.4048, 0.3510

Protanopia

49.9807, 0.3462, 0.3670

Deuteranopia

49.9335, 0.3777, 0.3696



Tritanopia

49.8252, 0.3820, 0.3163

Trichromacy



Original Color

49.7362, 0.4048, 0.3510

Protanomaly

49.4227, 0.3661, 0.3606

Deuteranomaly

49.8153, 0.3867, 0.3627

Tritanomaly

49.6199, 0.3905, 0.3281

Monochromacy



Original Color

49.7362, 0.4048, 0.3510

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8054, 0.3439, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7362, 0.4048, 0.3510 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(246, 168, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 168, 148)  
}
```

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(246, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 168, 148) }
```

Border

The CSS property to change the border of an element to Yxy 49.7362, 0.4048, 0.3510 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(246, 168, 148) }
```

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

```
.border{ border-color:rgb(246, 168, 148) }
```

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

Here you see how a box with a 4 pixel rgb(246, 168, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(246, 168,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7362, 0.4048, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 168, 148) }
```

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

```
.background{ background-color: rgb(246,  
168, 148) }
```

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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