

Converting Colors

$Y_{xy}(48.8078, 0.4215, 0.3490)$

Have a look what the booklet for
Yxy(48.8078, 0.4215, 0.3490)
contains.

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Color

Yxy(48.7027, 0.4221, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	FFA18E
RGB	255, 161, 142
RGB Percent	100%, 63%, 56%
CMY	0.0000, 0.3686, 0.4431
CMYK	0.00, 0.37, 0.44, 0.00
HSL	10°, 100%, 78%
HSV	10°, 44%, 100%
XYZ	58.8700, 48.7027, 31.8966
YIQ	186.9400, 62.1230, 14.0190

Conversions

Conversions Part 2

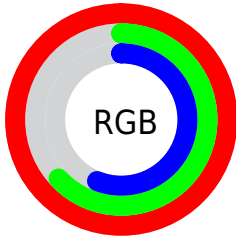
Format	Color
R _Y B	255, 165, 142
Decimal	16753038
CIE Lab	75.27, 32.82, 24.53
CIE LCh	75, 40.972, 36.771
Yxy	48.7027, 0.4221, 0.3492
Android (android.graphics.Color)	4294943118 (0xFFFFA18E)
YUV	186.9400, -22.1554, 59.6886
Hunter-Lab	69.7873, 28.4482, 21.7523

Details

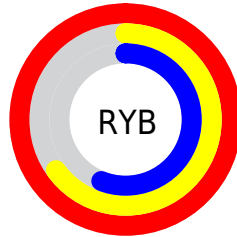
The Yxy color **48.7027, 0.4221, 0.3492** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.9743, 0.2490, 0.3069**, and the grayscale version is **49.7607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8712, 0.3560, 0.3506**, and **23.0999, 0.4521, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **41.2269, 0.4603, 0.3530**, and if you desaturate by 10%, it is **57.6146, 0.3891, 0.3447**.

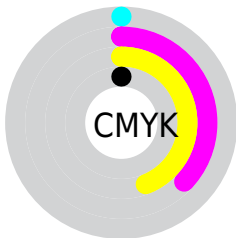
Distribution



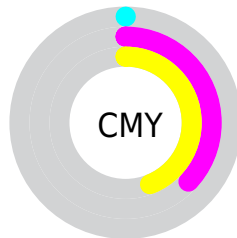
- Red (100%)
- Green (63%)
- Blue (56%)



- Red (100%)
- Yellow (65%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7027, 0.4221, 0.3492 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 48.7027, 0.4221, 0.3492 by changing the saturation by 10% instead.


 48.7027, 0.4221,
0.3492


 48.7027, 0.4221,
0.3492

381.5707, 0.3673,
0.3416


 34.3837, 0.4356,
0.3503


 88.2497, 0.4023,
0.3470

 23.1885, 0.4527,
0.3512


 114.2466, 0.3948,
0.3460

 14.7328, 0.4750,
0.3517


 144.9048, 0.3885,
0.3451

 8.6321, 0.5051,
0.3508

180.6088, 0.3831,
0.3443

 4.5020, 0.5473,
0.3465

221.7430, 0.3783,
0.3435

 1.9581, 0.6320,
0.3458

268.6918, 0.3742,

 0.5830, 0.7156,

0.3428

0.2844

321.8396, 0.3706,
0.3422

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7027, 0.4221,
0.3492

48.7027, 0.4221,
0.3492

41.2269, 0.4603,
0.3530

57.6146, 0.3891,
0.3447

35.1073, 0.5026,
0.3552

68.0282, 0.3614,
0.3399

30.2628, 0.5457,
0.3550

80.0104, 0.3385,
0.3352

26.6014, 0.5846,
0.3517

93.6226, 0.3197,
0.3308

■ 24.0182, 0.6140,
0.3455

100.0000, 0.3127,
0.3290

■ 22.9763, 0.6256,
0.3414

Harmonies

Analogous

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



48.7027, 0.3907, 0.3059



48.7027, 0.4221, 0.3492



48.7027, 0.4203, 0.3919

Triad

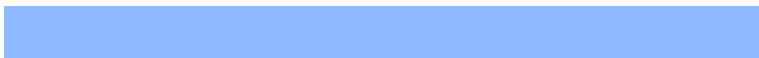
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.7027, 0.4221, 0.3492



48.7027, 0.2823, 0.4017



48.7027, 0.2372, 0.2406

Complementary

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



48.7027, 0.4221, 0.3492



72.9743, 0.2490, 0.3069

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.



48.7027, 0.2143, 0.2557



48.7027, 0.4221, 0.3492



48.7027, 0.2381, 0.3476

Square

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



48.7027, 0.4221, 0.3492



48.7027, 0.3373, 0.4304



48.7027, 0.2144, 0.2930



48.7027, 0.2806, 0.2462

Rectangle

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



48.7027, 0.4221, 0.3492



48.7027, 0.4016, 0.4152



48.7027, 0.2144, 0.2930



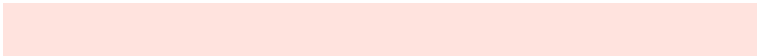
48.7027, 0.2271, 0.2432

Sweetspot

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



48.7041, 0.4221, 0.3492



81.6938, 0.3358, 0.3346



46.6782, 0.3341, 0.2360



16.8802, 0.3404, 0.3356



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.



48.7041, 0.4221, 0.3492



42.1244, 0.4551, 0.3525



73.0149, 0.3946, 0.4057



18.4800, 0.3290, 0.3331



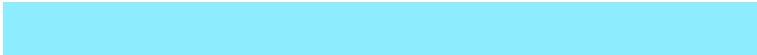
12.1489, 0.6234, 0.3432



1.3144, 0.6041, 0.3585

Inverse Universe

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



72.9743, 0.2490, 0.3069



69.0811, 0.2391, 0.3019



45.4863, 0.2369, 0.2370



19.9313, 0.2980, 0.3249



28.6097, 0.2096, 0.2744



2.9171, 0.2115, 0.2813

Previews

White Background



This preview shows how the Yxy color 48.7027, 0.4221, 0.3492 looks on a white background.

Color Contrast Check

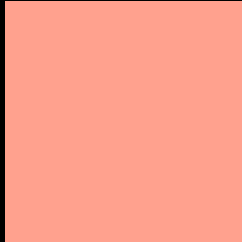
Large Text (above 18pt) WCAG AA × Fail

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 48.7027, 0.4221, 0.3492 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 48.7027, 0.4221, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 48.7027, 0.4221, 0.3492.



This preview shows how white text looks on a background with the Yxy color 48.7027, 0.4221, 0.3492.

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

48.7027, 0.4221, 0.3492

Protanopia

48.7336, 0.3482, 0.3700

Deuteranopia

48.7649, 0.3837, 0.3758



Tritanopia

48.6160, 0.3955, 0.3166

Trichromacy



Original Color

48.7027, 0.4221, 0.3492

Protanomaly

47.9723, 0.3737, 0.3617

Deuteranomaly

48.5543, 0.3976, 0.3658

Tritanomaly

48.5943, 0.4051, 0.3282

Monochromacy



Original Color

48.7027, 0.4221, 0.3492

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.7781, 0.3490, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7027, 0.4221, 0.3492 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, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 142)  
}
```

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, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 142) }
```

Border

The CSS property to change the border of an element to Yxy 48.7027, 0.4221, 0.3492 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, 161, 142) }
```

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

```
.border{ border-color:rgb(255, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7027, 0.4221, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 142) }
```

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

```
.background{ background-color: rgb(255,  
161, 142) }
```

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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