

Converting Colors

$Y_{xy}(47.7769, 0.4061, 0.3461)$

Have a look what the booklet for
Yxy(47.7769, 0.4061, 0.3461)
contains.

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Color

Yxy(47.7450, 0.4062, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	F5A394
RGB	245, 163, 148
RGB Percent	96%, 64%, 58%
CMY	0.0392, 0.3608, 0.4197
CMYK	0.00, 0.33, 0.40, 0.04
HSL	9°, 83%, 77%
HSV	9°, 40%, 96%
XYZ	56.1007, 47.7450, 34.2654
YIQ	185.8080, 53.6870, 12.7190

Conversions

Conversions Part 2

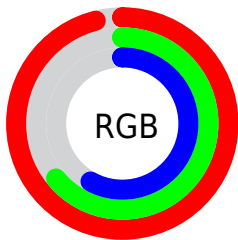
Format	Color
R _Y B	245, 166, 148
Decimal	16098196
CIE Lab	74.66, 28.63, 20.28
CIE LCh	75, 35.080, 35.314
Yxy	47.7450, 0.4062, 0.3457
Android (android.graphics.Color)	4294288276 (0xFFFF5A394)
YUV	185.8080, -18.6393, 51.9114
Hunter-Lab	69.0978, 24.0037, 18.9667

Details

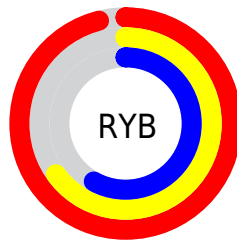
The Yxy color **47.7450, 0.4062, 0.3457** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.4742, 0.2552, 0.3112**, and the grayscale version is **49.0741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6671, 0.3514, 0.3454**, and **22.4540, 0.4331, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **40.2906, 0.4423, 0.3496**, and if you desaturate by 10%, it is **56.5722, 0.3755, 0.3414**.

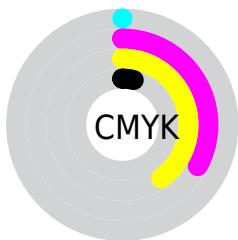
Distribution



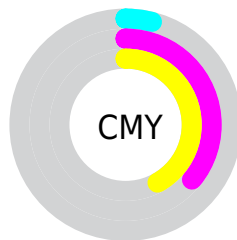
- Red (96%)
- Green (64%)
- Blue (58%)



- Red (96%)
- Yellow (65%)
- Blue (58%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7450, 0.4062, 0.3457 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 47.7450, 0.4062, 0.3457 by changing the saturation by 10% instead.

 47.7450, 0.4062,
0.3457

 47.7450, 0.4062,
0.3457


377.7805, 0.3592,
0.3391

 33.6250, 0.4179,
0.3468


 86.8246, 0.3891,
0.3437

 22.6057, 0.4328,
0.3478


 112.5530, 0.3827,
0.3429

 14.3026, 0.4525,
0.3486


142.9197, 0.3773,
0.3421

 8.3314, 0.4795,
0.3486

178.3089, 0.3726,
0.3414

 4.3077, 0.5182,
0.3463

219.1053, 0.3686,
0.3407

 1.8472, 0.5900,
0.3447

265.6931, 0.3651,

 0.5163, 0.7060,

0.3401

0.2940

318.4567, 0.3619,
0.3396

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.7450, 0.4062,
0.3457

47.7450, 0.4062,
0.3457

40.2906, 0.4423,
0.3496

56.5722, 0.3755,
0.3414

34.1331, 0.4833,
0.3524

66.8293, 0.3501,
0.3370

29.1997, 0.5269,
0.3533

78.5787, 0.3292,
0.3328

25.4075, 0.5689,
0.3515

91.8769, 0.3121,
0.3289

■ 22.6631, 0.6035,
0.3469

■ 98.1550, 0.3066,
0.3290

■ 20.8522, 0.6265,
0.3404

■ 20.7973, 0.6273,
0.3401

Harmonies

Analogous

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



47.7450, 0.3780, 0.3076



47.7450, 0.4062, 0.3457



47.7450, 0.4066, 0.3830

Triad

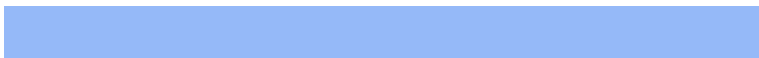
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.7450, 0.4062, 0.3457



47.7450, 0.2891, 0.3926



47.7450, 0.2455, 0.2520

Complementary

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



47.7450, 0.4062, 0.3457



69.4742, 0.2552, 0.3112

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.



47.7450, 0.2262, 0.2668



47.7450, 0.4062, 0.3457



47.7450, 0.2496, 0.3477

Square

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



47.7450, 0.4062, 0.3457



47.7450, 0.3370, 0.4160



47.7450, 0.2274, 0.3006



47.7450, 0.2830, 0.2558

Rectangle

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



47.7450, 0.4062, 0.3457



47.7450, 0.3916, 0.4031



47.7450, 0.2274, 0.3006



47.7450, 0.2369, 0.2548

Sweetspot

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



47.7473, 0.4062, 0.3457



82.7787, 0.3339, 0.3338



46.3262, 0.3299, 0.2441



17.3486, 0.3365, 0.3343



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.



47.7473, 0.4062, 0.3457



45.2540, 0.4366, 0.3490



68.1661, 0.3852, 0.3960



16.8967, 0.3290, 0.3327



11.3280, 0.6252, 0.3418



1.1163, 0.6042, 0.3585

Inverse Universe

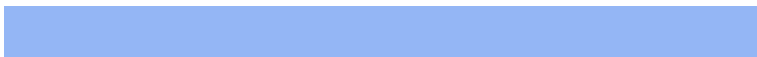
The Inverse Universe completely reimagines the original color for something new.



69.4742, 0.2552, 0.3112



72.1921, 0.2450, 0.3067



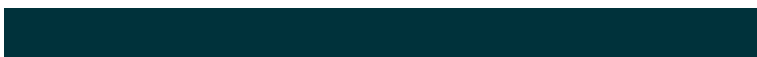
46.3181, 0.2459, 0.2508



18.2950, 0.2980, 0.3252



27.7759, 0.2108, 0.2790



2.5566, 0.2128, 0.2859

Previews

White Background



This preview shows how the Yxy color 47.7450, 0.4062, 0.3457 looks on a white background.

Color Contrast Check

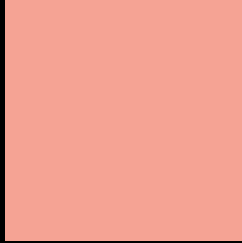
Large Text (above 18pt) WCAG AA × Fail

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 47.7450, 0.4062, 0.3457 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 47.7450, 0.4062, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 47.7450, 0.4062, 0.3457.



This preview shows how white text looks on a background with the Yxy color 47.7450, 0.4062, 0.3457.

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

47.7450, 0.4062, 0.3457

Protanopia

48.0871, 0.3416, 0.3626

Deuteranopia

47.9357, 0.3751, 0.3680



Tritanopia

47.8943, 0.3854, 0.3162

Trichromacy



Original Color

47.7450, 0.4062, 0.3457

Protanomaly

47.3808, 0.3646, 0.3561

Deuteranomaly

47.7491, 0.3864, 0.3597

Tritanomaly

47.7269, 0.3931, 0.3271

Monochromacy



Original Color

47.7450, 0.4062, 0.3457

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0847, 0.3436, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7450, 0.4062, 0.3457 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(245, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 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(245, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.7450, 0.4062, 0.3457 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(245, 163, 148) }
```

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

```
.border{ border-color:rgb(245, 163, 148) }
```

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

Here you see how a box with a 4 pixel rgb(245, 163, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7450, 0.4062, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 148) }
```

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

```
.background{ background-color: rgb(245,  
163, 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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