

Converting Colors

$Y_{xy}(47.5610, 0.4011, 0.3445)$

Have a look what the booklet for
Yxy(47.5610, 0.4011, 0.3445)
contains.

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Color

Yxy(47.6302, 0.4010, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	F2A496
RGB	242, 164, 150
RGB Percent	95%, 64%, 59%
CMY	0.0510, 0.3568, 0.4119
CMYK	0.00, 0.32, 0.38, 0.05
HSL	9°, 78%, 77%
HSV	9°, 38%, 95%
XYZ	55.3936, 47.6302, 35.1148
YIQ	185.7260, 50.9820, 12.1820

Conversions

Conversions Part 2

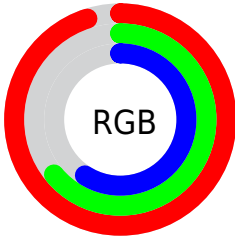
Format	Color
R _Y B	242, 167, 150
Decimal	15901846
CIE Lab	74.59, 27.17, 19.04
CIE LCh	75, 33.175, 35.020
Yxy	47.6302, 0.4010, 0.3448
Android (android.graphics.Color)	4294091926 (0xFFFF2A496)
YUV	185.7260, -17.6129, 49.3523
Hunter-Lab	69.0146, 22.4948, 18.1433

Details

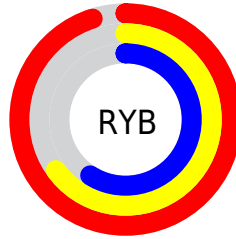
The Yxy color **47.6302, 0.4010, 0.3448** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3473, 0.2573, 0.3122**, and the grayscale version is **49.0208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2827, 0.3497, 0.3444**, and **22.6795, 0.4265, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **40.1739, 0.4363, 0.3487**, and if you desaturate by 10%, it is **56.4353, 0.3712, 0.3405**.

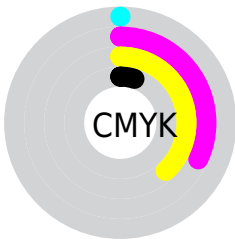
Distribution



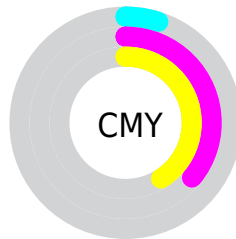
- Red (95%)
- Green (64%)
- Blue (59%)



- Red (95%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (32%)
- Yellow (38%)
- Black (5%)




- Cyan (5%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6302, 0.4010, 0.3448 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 47.6302, 0.4010, 0.3448 by changing the saturation by 10% instead.


 47.6302, 0.4010,
0.3448


 47.6302, 0.4010,
0.3448


377.3245, 0.3566,
0.3385

 33.5341, 0.4121,
0.3459


 86.6536, 0.3848,
0.3429

 22.5359, 0.4262,
0.3470


 112.3496, 0.3788,
0.3420

 14.2512, 0.4450,
0.3479


142.6812, 0.3736,
0.3413

 8.2956, 0.4707,
0.3482

178.0325, 0.3692,
0.3406

 4.2847, 0.5079,
0.3465

218.7882, 0.3654,
0.3400

 1.8340, 0.5748,
0.3448

265.3324, 0.3621,

 0.5083, 0.6997,

0.3394

0.3003

318.0497, 0.3592,
0.3389

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.6302, 0.4010,
0.3448

47.6302, 0.4010,
0.3448

40.1739, 0.4363,
0.3487

56.4353, 0.3712,
0.3405

33.9930, 0.4767,
0.3517

66.6443, 0.3465,
0.3362

29.0174, 0.5201,
0.3529

78.3176, 0.3263,
0.3321

25.1675, 0.5628,
0.3517

91.5098, 0.3097,
0.3283

■ 22.3537, 0.5990,
0.3475

■ 97.6153, 0.3047,
0.3290

■ 20.4704, 0.6237,
0.3411

■ 20.1944, 0.6275,
0.3400

Harmonies

Analogous

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



47.6302, 0.3741, 0.3084



47.6302, 0.4010, 0.3448



47.6302, 0.4017, 0.3803

Triad

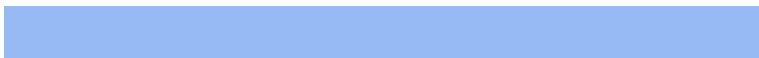
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.6302, 0.4010, 0.3448



47.6302, 0.2909, 0.3893



47.6302, 0.2487, 0.2559

Complementary

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



47.6302, 0.4010, 0.3448



68.3473, 0.2573, 0.3122

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.



47.6302, 0.2303, 0.2704



47.6302, 0.4010, 0.3448



47.6302, 0.2532, 0.3473

Square

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



47.6302, 0.4010, 0.3448



47.6302, 0.3364, 0.4112



47.6302, 0.2318, 0.3028



47.6302, 0.2842, 0.2592

Rectangle

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



47.6302, 0.4010, 0.3448



47.6302, 0.3879, 0.3992



47.6302, 0.2318, 0.3028



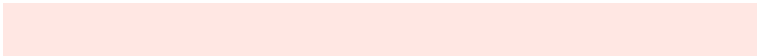
47.6302, 0.2404, 0.2587

Sweetspot

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



47.6325, 0.4010, 0.3448



84.0847, 0.3319, 0.3333



46.2901, 0.3290, 0.2475



17.6086, 0.3346, 0.3339



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.



47.6325, 0.4010, 0.3448



46.7304, 0.4292, 0.3480



67.0620, 0.3818, 0.3933



16.1482, 0.3290, 0.3327



10.9726, 0.6254, 0.3416



1.0295, 0.6033, 0.3592

Inverse Universe

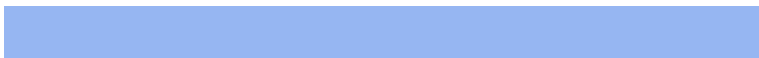
The Inverse Universe completely reimagines the original color for something new.



68.3473, 0.2573, 0.3122



73.2219, 0.2474, 0.3081



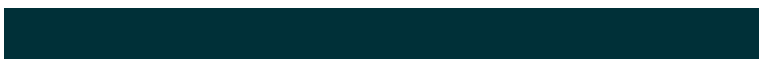
46.4195, 0.2488, 0.2546



17.4939, 0.2981, 0.3253



27.0791, 0.2111, 0.2798



2.3628, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 47.6302, 0.4010, 0.3448 looks on a white background.

Color Contrast Check

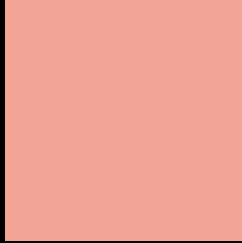
Large Text (above 18pt) WCAG AA × Fail

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 47.6302, 0.4010, 0.3448 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 47.6302, 0.4010, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 47.6302, 0.4010, 0.3448.



This preview shows how white text looks on a background with the Yxy color 47.6302, 0.4010, 0.3448.

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

47.6302, 0.4010, 0.3448

Protanopia

47.7076, 0.3410, 0.3600

Deuteranopia

47.8785, 0.3715, 0.3645



Tritanopia

47.7400, 0.3813, 0.3161

Trichromacy



Original Color

47.6302, 0.4010, 0.3448

Protanomaly

47.2999, 0.3619, 0.3537

Deuteranomaly

47.5223, 0.3818, 0.3563

Tritanomaly

47.6120, 0.3879, 0.3259

Monochromacy



Original Color

47.6302, 0.4010, 0.3448

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.9797, 0.3418, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6302, 0.4010, 0.3448 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(242, 164, 150)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 150)  
}
```

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(242, 164, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 150) }
```

Border

The CSS property to change the border of an element to Yxy 47.6302, 0.4010, 0.3448 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(242, 164, 150) }
```

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

```
.border{ border-color:rgb(242, 164, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 164, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 150);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6302, 0.4010, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 150) }
```

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

```
.background{ background-color: rgb(242,  
164, 150) }
```

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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