

Converting Colors

$Yxy(48.6097, 0.4071, 0.3489)$

Have a look what the booklet for
Yxy(48.6097, 0.4071, 0.3489)
contains.

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Color

Yxy(48.6097, 0.4071, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	F6A593
RGB	246, 165, 147
RGB Percent	96%, 65%, 58%
CMY	0.0354, 0.3528, 0.4235
CMYK	0.00, 0.33, 0.40, 0.04
HSL	11°, 85%, 77%
HSV	11°, 40%, 96%
XYZ	56.7183, 48.6097, 33.9947
YIQ	187.1670, 54.0540, 11.5740

Conversions

Conversions Part 2

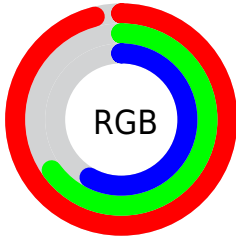
Format	Color
R _Y B	246, 169, 147
Decimal	16164243
CIE Lab	75.21, 27.81, 21.58
CIE LCh	75, 35.201, 37.801
Yxy	48.6097, 0.4071, 0.3489
Android (android.graphics.Color)	4294354323 (0xFFFF6A593)
YUV	187.1670, -19.8023, 51.5965
Hunter-Lab	69.7207, 23.2000, 19.8955

Details

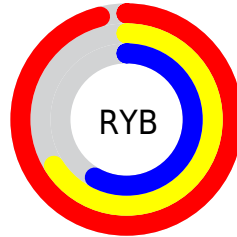
The Yxy color **48.6097, 0.4071, 0.3489** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3064, 0.2539, 0.3076**, and the grayscale version is **49.8855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1899, 0.3515, 0.3494**, and **22.9977, 0.4342, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **41.2244, 0.4427, 0.3534**, and if you desaturate by 10%, it is **57.3061, 0.3767, 0.3438**.

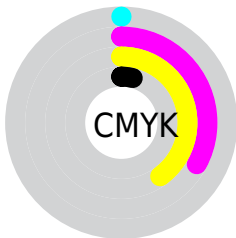
Distribution



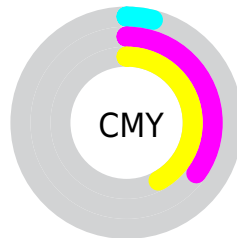
- Red (96%)
- Green (65%)
- Blue (58%)



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



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




- Cyan (4%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6097, 0.4071, 0.3489 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 48.6097, 0.4071, 0.3489 by changing the saturation by 10% instead.


 48.6097, 0.4071,
0.3489

 48.6097, 0.4071,
0.3489


381.2038, 0.3598,
0.3408

 34.3100, 0.4188,
0.3503


 88.1115, 0.3900,
0.3464

 23.1318, 0.4337,
0.3518


 114.0824, 0.3835,
0.3453

 14.6909, 0.4533,
0.3531


144.7124, 0.3780,
0.3444

 8.6027, 0.4800,
0.3538

180.3860, 0.3733,
0.3435

 4.4830, 0.5181,
0.3523

221.4875, 0.3693,
0.3427

 1.9472, 0.5887,
0.3525

268.4014, 0.3657,

 0.5765, 0.6909,

0.3420

0.3091

321.5120, 0.3626,
0.3414

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6097, 0.4071,
0.3489

48.6097, 0.4071,
0.3489

41.2244, 0.4427,
0.3534

57.3061, 0.3767,
0.3438

35.0794, 0.4829,
0.3567

67.3661, 0.3513,
0.3387

30.1077, 0.5255,
0.3578

78.8475, 0.3303,
0.3337

26.2330, 0.5664,
0.3559

91.8031, 0.3131,
0.3291

■ 23.3697, 0.6004,
0.3506

■ 98.3266, 0.3072,
0.3290

■ 21.4485, 0.6232,
0.3434

Harmonies

Analogous

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



48.6097, 0.3810, 0.3106



48.6097, 0.4071, 0.3489



48.6097, 0.4051, 0.3857

Triad

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



48.6097, 0.4071, 0.3489



48.6097, 0.2854, 0.3893



48.6097, 0.2482, 0.2518

Complementary

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



48.6097, 0.4071, 0.3489



68.3064, 0.2539, 0.3076

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.



48.6097, 0.2272, 0.2650



48.6097, 0.4071, 0.3489



48.6097, 0.2471, 0.3436

Square

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



48.6097, 0.4071, 0.3489



48.6097, 0.3330, 0.4150



48.6097, 0.2267, 0.2973



48.6097, 0.2868, 0.2570

Rectangle

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



48.6097, 0.4071, 0.3489



48.6097, 0.3888, 0.4049



48.6097, 0.2267, 0.2973



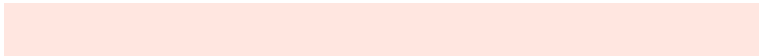
48.6097, 0.2390, 0.2541

Sweetspot

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



48.6121, 0.4071, 0.3489



83.2428, 0.3338, 0.3346



46.1362, 0.3317, 0.2443



17.4570, 0.3364, 0.3352



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.



48.6121, 0.4071, 0.3489



46.3507, 0.4347, 0.3525



69.2692, 0.3859, 0.3987



16.9706, 0.3289, 0.3334



11.5968, 0.6209, 0.3452



1.1513, 0.5986, 0.3629

Inverse Universe

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



68.3064, 0.2539, 0.3076



70.2840, 0.2443, 0.3027



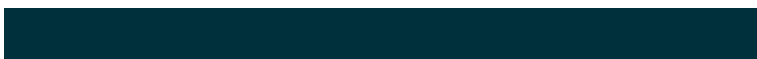
45.4911, 0.2444, 0.2472



18.2143, 0.2980, 0.3246



26.0862, 0.2082, 0.2696



2.4233, 0.2105, 0.2779

Previews

White Background



This preview shows how the Yxy color 48.6097, 0.4071, 0.3489 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 48.6097, 0.4071, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

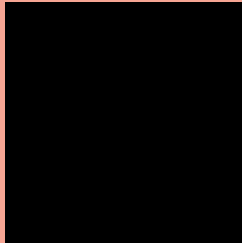
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6097, 0.4071, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 48.6097, 0.4071, 0.3489.



This preview shows how white text looks on a background with the Yxy color 48.6097, 0.4071, 0.3489.

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

48.6097, 0.4071, 0.3489

Protanopia

48.7343, 0.3440, 0.3649

Deuteranopia

48.6368, 0.3766, 0.3689



Tritanopia

48.4633, 0.3850, 0.3163

Trichromacy



Original Color

48.6097, 0.4071, 0.3489

Protanomaly

48.4368, 0.3667, 0.3595

Deuteranomaly

48.4564, 0.3879, 0.3606

Tritanomaly

48.2952, 0.3926, 0.3271

Monochromacy



Original Color

48.6097, 0.4071, 0.3489

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.6287, 0.3443, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6097, 0.4071, 0.3489 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, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(246, 165, 147)  
}
```

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, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 165, 147) }
```

Border

The CSS property to change the border of an element to Yxy 48.6097, 0.4071, 0.3489 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, 165, 147) }
```

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

```
.border{ border-color:rgb(246, 165, 147) }
```

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

Here you see how a box with a 4 pixel rgb(246, 165, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(246, 165,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6097, 0.4071, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 165, 147) }
```

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

```
.background{ background-color: rgb(246,  
165, 147) }
```

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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