

Converting Colors

$Y_{xy}(48.2508, 0.4026, 0.3470)$

Have a look what the booklet for
Yxy(48.2508, 0.4026, 0.3470)
contains.

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Color

Yxy(48.1349, 0.4024, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	F3A595
RGB	243, 165, 149
RGB Percent	95%, 65%, 58%
CMY	0.0472, 0.3529, 0.4156
CMYK	0.00, 0.32, 0.39, 0.05
HSL	10°, 80%, 77%
HSV	10°, 39%, 95%
XYZ	55.8359, 48.1349, 34.7864
YIQ	186.4980, 51.6240, 11.5600

Conversions

Conversions Part 2

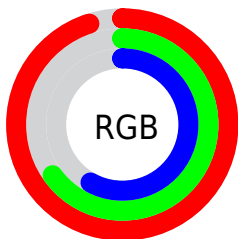
Format	Color
R _Y B	243, 168, 149
Decimal	15967637
CIE Lab	74.91, 26.90, 20.02
CIE LCh	75, 33.533, 36.650
Yxy	48.1349, 0.4024, 0.3469
Android (android.graphics.Color)	4294157717 (0xFFFF3A595)
YUV	186.4980, -18.4865, 49.5523
Hunter-Lab	69.3793, 22.2416, 18.8378

Details

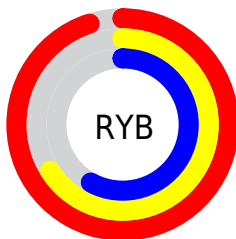
The Yxy color **48.1349, 0.4024, 0.3469** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.7801, 0.2562, 0.3099**, and the grayscale version is **49.4825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7582, 0.3502, 0.3464**, and **22.7845, 0.4291, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **40.7315, 0.4375, 0.3512**, and if you desaturate by 10%, it is **56.8510, 0.3726, 0.3421**.

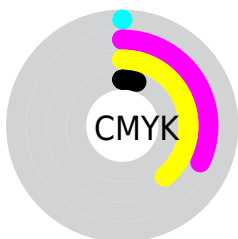
Distribution



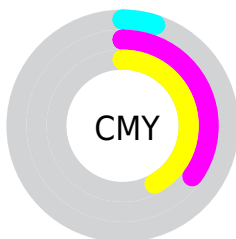
- Red (95%)
- Green (65%)
- Blue (58%)



- Red (95%)
- Yellow (66%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1349, 0.4024, 0.3469 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 48.1349, 0.4024, 0.3469 by changing the saturation by 10% instead.

 48.1349, 0.4024,
0.3469


 48.1349, 0.4024,
0.3469


379.3266, 0.3574,
0.3396

 33.9337, 0.4136,
0.3482


 87.4052, 0.3860,
0.3446

 22.8427, 0.4279,
0.3495


 113.2432, 0.3799,
0.3437

 14.4774, 0.4467,
0.3508


143.7288, 0.3747,
0.3428

 8.4534, 0.4726,
0.3514

179.2466, 0.3702,
0.3420

 4.3864, 0.5097,
0.3502

220.1808, 0.3664,
0.3413

 1.8920, 0.5769,
0.3496

266.9160, 0.3630,

 0.5436, 0.6916,

0.3407

319.8365, 0.3600,
0.3401

0.3084

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.1349, 0.4024,
0.3469

48.1349, 0.4024,
0.3469

40.7315, 0.4375,
0.3512

56.8510, 0.3726,
0.3421

34.5701, 0.4775,
0.3545

66.9322, 0.3478,
0.3373

29.5839, 0.5204,
0.3558

78.4363, 0.3274,
0.3327

25.6970, 0.5623,
0.3544

91.4159, 0.3107,
0.3285

■ 22.8240, 0.5978,
0.3498

■ 97.7899, 0.3053,
0.3290

■ 20.8635, 0.6223,
0.3428

■ 20.6630, 0.6249,
0.3420

Harmonies

Analogous

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



48.1349, 0.3766, 0.3102



48.1349, 0.4024, 0.3469



48.1349, 0.4016, 0.3823

Triad

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



48.1349, 0.4024, 0.3469



48.1349, 0.2884, 0.3879



48.1349, 0.2498, 0.2551

Complementary

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



48.1349, 0.4024, 0.3469



67.7801, 0.2562, 0.3099

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.



48.1349, 0.2303, 0.2687



48.1349, 0.4024, 0.3469



48.1349, 0.2511, 0.3448

Square

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



48.1349, 0.4024, 0.3469



48.1349, 0.3341, 0.4114



48.1349, 0.2306, 0.3004



48.1349, 0.2863, 0.2594

Rectangle

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



48.1349, 0.4024, 0.3469



48.1349, 0.3868, 0.4009



48.1349, 0.2306, 0.3004



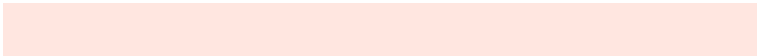
48.1349, 0.2412, 0.2576

Sweetspot

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



48.1372, 0.4024, 0.3469



83.0419, 0.3338, 0.3342



46.1120, 0.3307, 0.2475



17.4101, 0.3364, 0.3348



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.



48.1372, 0.4024, 0.3469



47.4318, 0.4281, 0.3502



68.1338, 0.3826, 0.3959



16.9386, 0.3289, 0.3331



11.4754, 0.6228, 0.3437



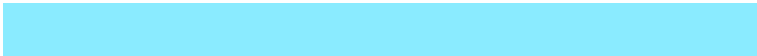
1.1360, 0.6010, 0.3610

Inverse Universe

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



67.7801, 0.2562, 0.3099



72.0245, 0.2469, 0.3056



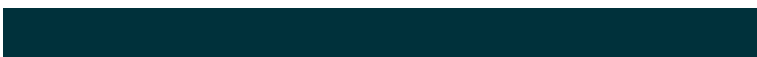
45.6371, 0.2473, 0.2510



18.2492, 0.2980, 0.3249



26.8079, 0.2094, 0.2737



2.4803, 0.2115, 0.2814

Previews

White Background



This preview shows how the Yxy color 48.1349, 0.4024, 0.3469 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 48.1349, 0.4024, 0.3469 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 48.1349, 0.4024, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 48.1349, 0.4024, 0.3469.



This preview shows how white text looks on a background with the Yxy color 48.1349, 0.4024, 0.3469.

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

48.1349, 0.4024, 0.3469

Protanopia

48.2189, 0.3425, 0.3625

Deuteranopia

48.1498, 0.3742, 0.3654



Tritanopia

47.9582, 0.3812, 0.3150

Trichromacy



Original Color

48.1349, 0.4024, 0.3469

Protanomaly

47.8079, 0.3634, 0.3561

Deuteranomaly

48.1940, 0.3842, 0.3585

Tritanomaly

47.7904, 0.3889, 0.3259

Monochromacy



Original Color

48.1349, 0.4024, 0.3469

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5227, 0.3425, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1349, 0.4024, 0.3469 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(243, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(243, 165, 149)  
}
```

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(243, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 149) }
```

Border

The CSS property to change the border of an element to Yxy 48.1349, 0.4024, 0.3469 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(243, 165, 149) }
```

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

```
.border{ border-color:rgb(243, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1349, 0.4024, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 149) }
```

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

```
.background{ background-color: rgb(243,  
165, 149) }
```

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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