

Converting Colors

$Y_{xy}(34.3422, 0.4812, 0.3541)$

Have a look what the booklet for
Yxy(34.3422, 0.4812, 0.3541)
contains.

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Color

Yxy(34.2999, 0.4813, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	F47B63
RGB	244, 123, 99
RGB Percent	96%, 48%, 39%
CMY	0.0431, 0.5177, 0.6117
CMYK	0.00, 0.50, 0.59, 0.04
HSL	10°, 87%, 67%
HSV	10°, 59%, 96%
XYZ	46.6475, 34.2999, 15.9724
YIQ	156.4430, 79.8200, 18.1880

Conversions

Conversions Part 2

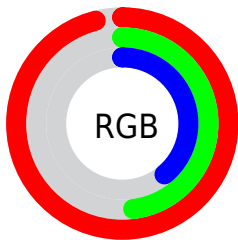
Format	Color
R _Y B	244, 128, 99
Decimal	16022371
CIE Lab	65.20, 44.40, 34.52
CIE LCh	65, 56.239, 37.867
Yxy	34.2999, 0.4813, 0.3539
Android (android.graphics.Color)	4294212451 (0xFFFF47B63)
YUV	156.4430, -28.3194, 76.7875
Hunter-Lab	58.5661, 39.6832, 24.8265

Details

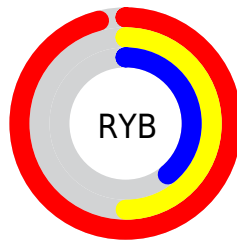
The Yxy color **34.2999, 0.4813, 0.3539** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.3940, 0.2328, 0.2986**, and the grayscale version is **33.5579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3028, 0.4064, 0.3587**, and **14.6955, 0.5326, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **29.3652, 0.5245, 0.3550**, and if you desaturate by 10%, it is **40.4303, 0.4408, 0.3509**.

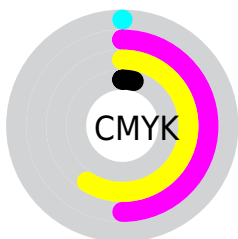
Distribution



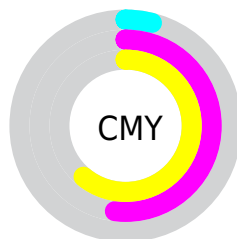
- Red (96%)
- Green (48%)
- Blue (39%)



- Red (96%)
- Yellow (50%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2999, 0.4813, 0.3539 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 34.2999, 0.4813, 0.3539 by changing the saturation by 10% instead.


 34.2999, 0.4813,
0.3539


 34.2999, 0.4813,
0.3539


321.4672, 0.3929,
0.3469


 23.1241, 0.5037,
0.3534


 66.3998, 0.4487,
0.3530


 14.6852, 0.5323,
0.3512


 88.0926, 0.4365,
0.3521

 8.5987, 0.5694,
0.3456


 114.0599, 0.4263,
0.3512

 4.4804, 0.6197,
0.3338

 144.6861, 0.4177,
0.3503

 1.9457, 0.6911,
0.3089

180.3555, 0.4102,
0.3494

 0.5757, 0.7678,
0.2322

221.4526, 0.4037,

 0.0000, 1.0000,

0.3485

0.0000

268.3617, 0.3980,
0.3477

0.0000, 0.0000,
0.0000

34.2999, 0.4813,
0.3539

34.2999, 0.4813,
0.3539

29.3652, 0.5245,
0.3550

40.4303, 0.4408,
0.3509

25.5418, 0.5662,
0.3533

47.8225, 0.4051,
0.3467

22.7430, 0.6010,
0.3486

56.5440, 0.3748,
0.3421

20.8611, 0.6246,
0.3417

66.6562, 0.3496,
0.3374

20.7761, 0.6257,
0.3414

78.2164, 0.3288,
0.3330

91.2787, 0.3118,
0.3288

97.9752, 0.3060,
0.3290

Harmonies

Analogous

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



34.2999, 0.4355, 0.2942



34.2999, 0.4813, 0.3539



34.2999, 0.4717, 0.4161

Triad

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



34.2999, 0.4813, 0.3539



34.2999, 0.2603, 0.4441



34.2999, 0.2034, 0.2004

Complementary

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



34.2999, 0.4813, 0.3539



60.3940, 0.2328, 0.2986

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.



34.2999, 0.1713, 0.2174



34.2999, 0.4813, 0.3539



34.2999, 0.1987, 0.3517

Square

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



34.2999, 0.4813, 0.3539



34.2999, 0.3407, 0.4895



34.2999, 0.1691, 0.2672



34.2999, 0.2654, 0.2106

Rectangle

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



34.2999, 0.4813, 0.3539



34.2999, 0.4396, 0.4543



34.2999, 0.1691, 0.2672



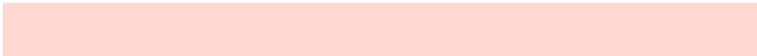
34.2999, 0.1893, 0.2028

Sweetspot

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



34.3017, 0.4813, 0.3539



75.3339, 0.3465, 0.3368



33.4518, 0.3410, 0.2074



15.3783, 0.3531, 0.3382



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.



34.3017, 0.4813, 0.3539



31.6311, 0.5320, 0.3549



58.3945, 0.4282, 0.4260



16.9250, 0.3290, 0.3330



11.4263, 0.6236, 0.3431



1.1297, 0.6020, 0.3602

Inverse Universe

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



60.3940, 0.2328, 0.2986



62.5599, 0.2229, 0.2916



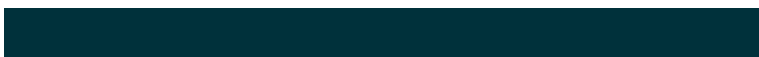
30.9260, 0.2112, 0.2020



18.2640, 0.2980, 0.3250



27.1184, 0.2098, 0.2754



2.5048, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 34.2999, 0.4813, 0.3539 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 34.2999, 0.4813, 0.3539 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 34.2999, 0.4813, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 34.2999, 0.4813, 0.3539.



This preview shows how white text looks on a background with the Yxy color 34.2999, 0.4813, 0.3539.

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

34.2999, 0.4813, 0.3539

Protanopia

34.6465, 0.3680, 0.3963

Deuteranopia

34.2788, 0.4141, 0.4046



Tritanopia

34.3188, 0.4531, 0.3210

Trichromacy



Original Color

34.2999, 0.4813, 0.3539

Protanomaly

33.6462, 0.4090, 0.3794

Deuteranomaly

33.8913, 0.4396, 0.3841

Tritanomaly

34.1298, 0.4637, 0.3326

Monochromacy



Original Color

34.2999, 0.4813, 0.3539

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3872, 0.3701, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2999, 0.4813, 0.3539 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(244, 123, 99)` looks like.

```
.text, #text, p{  
    color:rgb(244, 123, 99)  
}
```

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(244, 123, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 123, 99) }
```

Border

The CSS property to change the border of an element to Yxy 34.2999, 0.4813, 0.3539 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(244, 123, 99) }
```

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

```
.border{ border-color:rgb(244, 123, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 123, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 123, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 123, 99);  
box-shadow:4px 4px 4px 4px rgb(244, 123,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2999, 0.4813, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 123, 99) }
```

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

```
.background{ background-color: rgb(244,  
123, 99) }
```

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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