

Converting Colors

$Y_{xy}(34.3846, 0.4734, 0.3529)$

Have a look what the booklet for
Yxy(34.3846, 0.4734, 0.3529)
contains.

Yxy(34.3473, 0.4727, 0.3525)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3473, 0.4727, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	F17D67
RGB	241, 125, 103
RGB Percent	95%, 49%, 40%
CMY	0.0549, 0.5098, 0.5961
CMYK	0.00, 0.48, 0.57, 0.05
HSL	10°, 83%, 67%
HSV	10°, 57%, 95%
XYZ	46.0595, 34.3473, 17.0324
YIQ	157.1760, 76.1980, 17.7500

Conversions

Conversions Part 2

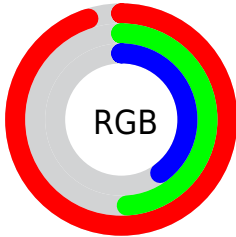
Format	Color
R _Y B	241, 129, 103
Decimal	15826279
CIE Lab	65.24, 42.57, 32.30
CIE LCh	65, 53.439, 37.190
Yxy	34.3473, 0.4727, 0.3525
Android (android.graphics.Color)	4294016359 (0xFFFF17D67)
YUV	157.1760, -26.7088, 73.5136
Hunter-Lab	58.6066, 37.7234, 23.7936

Details

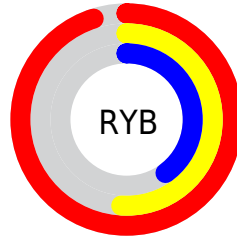
The Yxy color **34.3473, 0.4727, 0.3525** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.8985, 0.2352, 0.3010**, and the grayscale version is **33.8979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2356, 0.4020, 0.3566**, and **14.7442, 0.5220, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **29.3163, 0.5158, 0.3540**, and if you desaturate by 10%, it is **40.5673, 0.4329, 0.3493**.

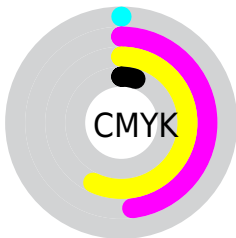
Distribution



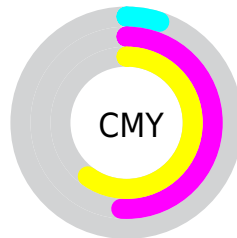
- Red (95%)
- Green (49%)
- Blue (40%)



- Red (95%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (57%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3473, 0.4727, 0.3525 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 34.3473, 0.4727, 0.3525 by changing the saturation by 10% instead.


 34.3473, 0.4727,
0.3525


 34.3473, 0.4727,
0.3525


321.6779, 0.3886,
0.3456


 23.1605, 0.4942,
0.3522


 66.4734, 0.4416,
0.3514


 14.7121, 0.5218,
0.3506


 88.1815, 0.4300,
0.3505

 8.6176, 0.5579,
0.3459


 114.1655, 0.4203,
0.3496

 4.4926, 0.6065,
0.3351

 144.8098, 0.4121,
0.3487

 1.9528, 0.6843,
0.3157

180.4988, 0.4050,
0.3479

 0.5798, 0.7598,
0.2402

221.6169, 0.3988,

 0.0000, 1.0000,

0.3471

0.0000

268.5484, 0.3934,
0.3463

■ 0.0000, 0.0000,
0.0000

■ 34.3473, 0.4727,
0.3525

■ 34.3473, 0.4727,
0.3525

■ 29.3163, 0.5158,
0.3540

■ 40.5673, 0.4329,
0.3493

■ 25.3925, 0.5584,
0.3530

■ 48.0404, 0.3982,
0.3452

■ 22.4922, 0.5953,
0.3490

■ 56.8323, 0.3690,
0.3407

■ 20.5159, 0.6211,
0.3424

■ 67.0029, 0.3448,
0.3362

■ 20.1162, 0.6265,
0.3407

■ 78.6081, 0.3249,
0.3319

■ 91.7007, 0.3086,
0.3280

■ 97.4423, 0.3041,
0.3290

Harmonies

Analogous

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



34.3473, 0.4279, 0.2949



34.3473, 0.4727, 0.3525



34.3473, 0.4655, 0.4122

Triad

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



34.3473, 0.4727, 0.3525



34.3473, 0.2649, 0.4392



34.3473, 0.2071, 0.2058

Complementary

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



34.3473, 0.4727, 0.3525



59.8985, 0.2352, 0.3010

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.



34.3473, 0.1767, 0.2232



34.3473, 0.4727, 0.3525



34.3473, 0.2050, 0.3530

Square

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



34.3473, 0.4727, 0.3525



34.3473, 0.3421, 0.4812



34.3473, 0.1754, 0.2722



34.3473, 0.2662, 0.2149

Rectangle

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



34.3473, 0.4727, 0.3525



34.3473, 0.4358, 0.4484



34.3473, 0.1754, 0.2722



34.3473, 0.1937, 0.2084

Sweetspot

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



34.3491, 0.4727, 0.3525



76.4308, 0.3443, 0.3361



33.5853, 0.3397, 0.2109



15.8315, 0.3488, 0.3370



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.



34.3491, 0.4727, 0.3525



32.3628, 0.5242, 0.3540



57.6905, 0.4234, 0.4231



16.1658, 0.3289, 0.3328



11.0333, 0.6244, 0.3424



1.0378, 0.6019, 0.3603

Inverse Universe

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



59.8985, 0.2352, 0.3010



63.7919, 0.2247, 0.2941



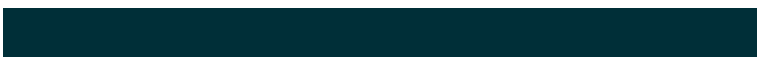
31.4644, 0.2149, 0.2075



17.4746, 0.2981, 0.3251



26.6623, 0.2104, 0.2775



2.3319, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 34.3473, 0.4727, 0.3525 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 34.3473, 0.4727, 0.3525 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 34.3473, 0.4727, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 34.3473, 0.4727, 0.3525.



This preview shows how white text looks on a background with the Yxy color 34.3473, 0.4727, 0.3525.

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

34.3473, 0.4727, 0.3525

Protanopia

34.6267, 0.3632, 0.3907

Deuteranopia

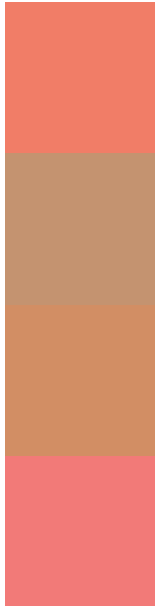
34.5448, 0.4086, 0.4013



Tritanopia

34.3411, 0.4453, 0.3198

Trichromacy



Original Color

34.3473, 0.4727, 0.3525

Protanomaly

33.7731, 0.4021, 0.3759

Deuteranomaly

33.9677, 0.4327, 0.3812

Tritanomaly

34.1524, 0.4560, 0.3316

Monochromacy



Original Color

34.3473, 0.4727, 0.3525

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.7483, 0.3676, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3473, 0.4727, 0.3525 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(241, 125, 103)` looks like.

```
.text, #text, p{  
    color:rgb(241, 125, 103)  
}
```

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(241, 125, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 125, 103) }
```

Border

The CSS property to change the border of an element to Yxy 34.3473, 0.4727, 0.3525 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(241, 125, 103) }
```

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

```
.border{ border-color:rgb(241, 125, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 125, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 125, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 125, 103);  
box-shadow:4px 4px 4px 4px rgb(241, 125,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3473, 0.4727, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 125, 103) }
```

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

```
.background{ background-color: rgb(241,  
125, 103) }
```

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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