

Converting Colors

$Y_{xy}(34.9455, 0.4705, 0.3487)$

Have a look what the booklet for
Yxy(34.9455, 0.4705, 0.3487)
contains.

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Color

Yxy(34.9619, 0.4710, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	F47D6B
RGB	244, 125, 107
RGB Percent	96%, 49%, 42%
CMY	0.0430, 0.5099, 0.5803
CMYK	0.00, 0.49, 0.56, 0.04
HSL	8°, 86%, 69%
HSV	8°, 56%, 96%
XYZ	47.3055, 34.9619, 18.1689
YIQ	158.5290, 76.7020, 19.6300

Conversions

Conversions Part 2

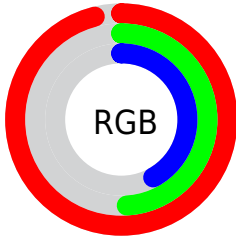
Format	Color
RYB	244, 128, 107
Decimal	16022891
CIELab	65.72, 44.01, 30.79
CIElCh	66, 53.706, 34.977
Yxy	34.9619, 0.4710, 0.3481
Android (android.graphics.Color)	4294212971 (0xFFFF47D6B)
YUV	158.5290, -25.4038, 74.9581
Hunter-Lab	59.1286, 39.3330, 23.1715

Details

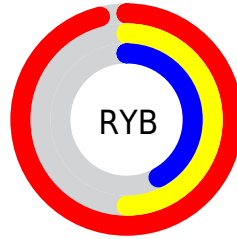
The Yxy color **34.9619, 0.4710, 0.3481** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64.0912, 0.2373, 0.3065**, and the grayscale version is **34.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4057, 0.3975, 0.3513**, and **15.0178, 0.5204, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **29.7138, 0.5150, 0.3494**, and if you desaturate by 10%, it is **41.5043, 0.4307, 0.3454**.

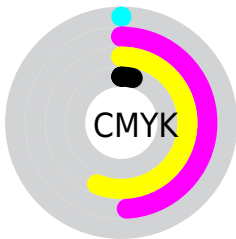
Distribution



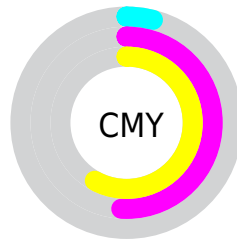
- Red (96%)
- Green (49%)
- Blue (42%)



- Red (96%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (56%)
- Black (4%)





- Cyan (4%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9619, 0.4710, 0.3481 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 34.9619, 0.4710, 0.3481 by changing the saturation by 10% instead.


 34.9619, 0.4710,
0.3481


 34.9619, 0.4710,
0.3481


324.4001, 0.3879,
0.3432


 23.6335, 0.4923,
0.3474


 67.4267, 0.4402,
0.3476


 15.0620, 0.5196,
0.3454


 89.3320, 0.4288,
0.3471

 8.8629, 0.5555,
0.3404


 115.5317, 0.4192,
0.3464

 4.6519, 0.6036,
0.3293

 146.4102, 0.4111,
0.3457

 2.0445, 0.6870,
0.3130

182.3519, 0.4041,
0.3451

 0.6331, 0.7579,
0.2421

223.7412, 0.3980,

 0.0000, 1.0000,

0.3444

0.0000

270.9624, 0.3927,
0.3438

■ 0.0000, 0.0000,
0.0000

■ 34.9619, 0.4710,
0.3481

■ 34.9619, 0.4710,
0.3481

■ 29.7138, 0.5150,
0.3494

■ 41.5043, 0.4307,
0.3454

■ 25.6685, 0.5588,
0.3486

■ 49.4138, 0.3958,
0.3419

■ 22.7309, 0.5968,
0.3452


■ 58.7641, 0.3666,
0.3382

■ 20.7888, 0.6232,
0.3397

■ 69.6221, 0.3426,
0.3345

■ 20.2723, 0.6303,
0.3377

■ 82.0504, 0.3229,
0.3310

 96.1082, 0.3069,
0.3278

 97.9794, 0.3060,
0.3290

Harmonies

Analogous

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



34.9619, 0.4227, 0.2909



34.9619, 0.4710, 0.3481



34.9619, 0.4676, 0.4078

Triad

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



34.9619, 0.4710, 0.3481



34.9619, 0.2703, 0.4443



34.9619, 0.2039, 0.2062

Complementary

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



34.9619, 0.4710, 0.3481



64.0912, 0.2373, 0.3065

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.



34.9619, 0.1757, 0.2257



34.9619, 0.4710, 0.3481



34.9619, 0.2085, 0.3597

Square

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



34.9619, 0.4710, 0.3481



34.9619, 0.3479, 0.4816



34.9619, 0.1766, 0.2773



34.9619, 0.2610, 0.2135

Rectangle

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



34.9619, 0.4710, 0.3481



34.9619, 0.4398, 0.4447



34.9619, 0.1766, 0.2773



34.9619, 0.1913, 0.2095

Sweetspot

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



34.9637, 0.4710, 0.3481



75.7939, 0.3445, 0.3349



35.3622, 0.3344, 0.2090



15.6831, 0.3490, 0.3356



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.



34.9637, 0.4710, 0.3481



32.3245, 0.5195, 0.3494



57.7862, 0.4240, 0.4173



16.8326, 0.3290, 0.3322



11.1281, 0.6285, 0.3392



1.0861, 0.6092, 0.3545

Inverse Universe

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



64.0912, 0.2373, 0.3065



67.1626, 0.2278, 0.3014



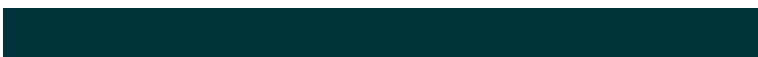
34.6429, 0.2181, 0.2165



18.3653, 0.2981, 0.3258



29.3016, 0.2131, 0.2870



2.6763, 0.2147, 0.2927

Previews

White Background



This preview shows how the Yxy color 34.9619, 0.4710, 0.3481 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 34.9619, 0.4710, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

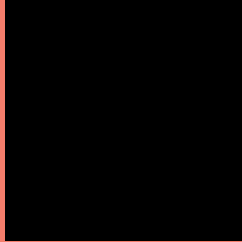
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9619, 0.4710, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 34.9619, 0.4710, 0.3481.



This preview shows how white text looks on a background with the Yxy color 34.9619, 0.4710, 0.3481.

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

34.9619, 0.4710, 0.3481

Protanopia

35.2047, 0.3591, 0.3845

Deuteranopia

35.0792, 0.4052, 0.3972



Tritanopia

35.1236, 0.4477, 0.3210

Trichromacy



Original Color

34.9619, 0.4710, 0.3481

Protanomaly

34.1576, 0.3990, 0.3690

Deuteranomaly

34.6414, 0.4299, 0.3773

Tritanomaly

34.9835, 0.4558, 0.3305

Monochromacy



Original Color

34.9619, 0.4710, 0.3481

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.7080, 0.3658, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9619, 0.4710, 0.3481 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, 125, 107)` looks like.

```
.text, #text, p{  
  color:rgb(244, 125, 107)  
}
```

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, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 125, 107) }
```

Border

The CSS property to change the border of an element to Yxy 34.9619, 0.4710, 0.3481 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, 125, 107) }
```

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

```
.border{ border-color:rgb(244, 125, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 125, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(244, 125,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9619, 0.4710, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 125, 107) }
```

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

```
.background{ background-color: rgb(244,  
125, 107) }
```

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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