

Converting Colors

$Y_{xy}(40.8283, 0.4599, 0.3484)$

Have a look what the booklet for
Yxy(40.8283, 0.4599, 0.3484)
contains.

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Color

Yxy(40.7689, 0.4589, 0.3487)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8A77 |
| RGB | 255, 138, 119 |
| RGB Percent | 100%, 54%, 47% |
| CMY | 0.0001, 0.4587, 0.5333 |
| CMYK | 0.00, 0.46, 0.53, 0.00 |
| HSL | 8°, 100%, 73% |
| HSV | 8°, 53%, 100% |
| XYZ | 53.6531, 40.7689, 22.4948 |
| YIQ | 170.8170, 75.8310, 18.8950 |

Conversions

Conversions Part 2

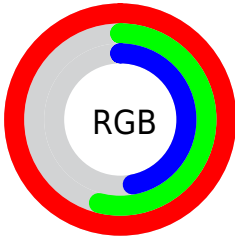
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 141, 119 |
| Decimal | 16747127 |
| CIE Lab | 70.01, 42.48, 30.07 |
| CIE LCh | 70, 52.043, 35.291 |
| Yxy | 40.7689, 0.4589, 0.3487 |
| Android (android.graphics.Color) | 4294937207 (0xFFFF8A77) |
| YUV | 170.8170, -25.5458, 73.8285 |
| Hunter-Lab | 63.8505, 38.2538, 23.8073 |

Details

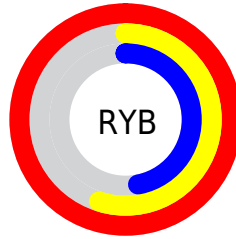
The Yxy color **40.7689, 0.4589, 0.3487** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.1108, 0.2397, 0.3063**, and the grayscale version is **40.7327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3402, 0.3823, 0.3522**, and **18.4085, 0.5023, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **34.5667, 0.5019, 0.3506**, and if you desaturate by 10%, it is **48.4103, 0.4202, 0.3455**.

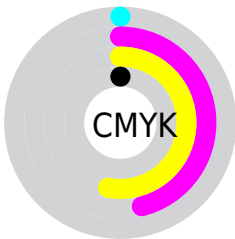
Distribution



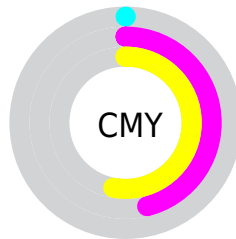
- Red (100%)
- Green (54%)
- Blue (47%)



- Red (100%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7689, 0.4589, 0.3487 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 40.7689, 0.4589, 0.3487 by changing the saturation by 10% instead.


 40.7689, 0.4589,
0.3487

 40.7689, 0.4589,
0.3487


349.3538, 0.3839,
0.3430

 28.1386, 0.4777,
0.3486


 76.3330, 0.4315,
0.3477

 18.4301, 0.5016,
0.3476


 100.0354, 0.4212,
0.3470

 11.2592, 0.5327,
0.3447


 128.1974, 0.4125,
0.3463

 6.2415, 0.5744,
0.3376

161.2033, 0.4051,
0.3456

 2.9925, 0.6402,
0.3260

199.4375, 0.3987,
0.3449

 1.1278, 0.7136,
0.2864

243.2844, 0.3932,

 0.0015, 0.9986,

0.3442

0.0014

293.1284, 0.3882,
0.3436

0.0000, 0.0000,
0.0000

40.7689, 0.4589,
0.3487

40.7689, 0.4589,
0.3487

34.5667, 0.5019,
0.3506

48.4103, 0.4202,
0.3455

29.7069, 0.5461,
0.3505

57.5671, 0.3870,
0.3417

26.0909, 0.5863,
0.3477

68.3174, 0.3593,
0.3377

23.6030, 0.6163,
0.3424

80.7325, 0.3366,
0.3338

22.4975, 0.6295,
0.3384

94.8789, 0.3181,
0.3302

99.9963, 0.3127,
0.3290

Harmonies

Analogous

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



40.7689, 0.4147, 0.2947



40.7689, 0.4589, 0.3487



40.7689, 0.4562, 0.4045

Triad

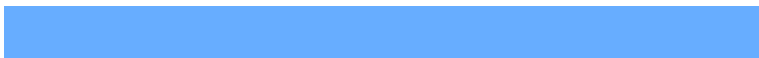
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.7689, 0.4589, 0.3487



40.7689, 0.2735, 0.4333



40.7689, 0.2118, 0.2144

Complementary

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



40.7689, 0.4589, 0.3487



71.1108, 0.2397, 0.3063

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.



40.7689, 0.1848, 0.2331



40.7689, 0.4589, 0.3487



40.7689, 0.2158, 0.3568

Square

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



40.7689, 0.4589, 0.3487



40.7689, 0.3457, 0.4688



40.7689, 0.1856, 0.2814



40.7689, 0.2658, 0.2213

Rectangle

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



40.7689, 0.4589, 0.3487



40.7689, 0.4309, 0.4380



40.7689, 0.1856, 0.2814



40.7689, 0.1998, 0.2176

Sweetspot

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



40.7710, 0.4589, 0.3487



77.2623, 0.3423, 0.3348



40.5564, 0.3353, 0.2155



15.9806, 0.3468, 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.



40.7710, 0.4589, 0.3487



34.2051, 0.5049, 0.3507



66.3094, 0.4165, 0.4158



18.3966, 0.3291, 0.3324



11.8811, 0.6276, 0.3399



1.2752, 0.6096, 0.3542

Inverse Universe

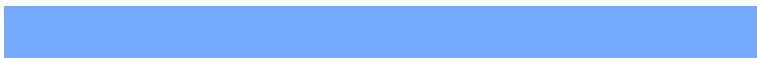
The Inverse Universe completely reimagines the original color for something new.



71.1108, 0.2397, 0.3063



67.2974, 0.2297, 0.3011



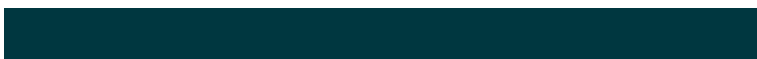
39.4654, 0.2220, 0.2200



20.0227, 0.2980, 0.3256



30.5040, 0.2122, 0.2840



3.0840, 0.2138, 0.2896

Previews

White Background



This preview shows how the Yxy color 40.7689, 0.4589, 0.3487 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 40.7689, 0.4589, 0.3487 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 40.7689, 0.4589, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 40.7689, 0.4589, 0.3487.



This preview shows how white text looks on a background with the Yxy color 40.7689, 0.4589, 0.3487.

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

40.7689, 0.4589, 0.3487

Protanopia

40.8866, 0.3573, 0.3811

Deuteranopia

40.8876, 0.4006, 0.3922



Tritanopia

40.9127, 0.4314, 0.3200

Trichromacy



Original Color

40.7689, 0.4589, 0.3487

Protanomaly

39.9101, 0.3930, 0.3682

Deuteranomaly

40.5509, 0.4219, 0.3751

Tritanomaly

40.9289, 0.4410, 0.3304

Monochromacy



Original Color

40.7689, 0.4589, 0.3487

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.6198, 0.3621, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7689, 0.4589, 0.3487 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(255, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 119)  
}
```

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(255, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 119) }
```

Border

The CSS property to change the border of an element to Yxy 40.7689, 0.4589, 0.3487 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(255, 138, 119) }
```

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

```
.border{ border-color:rgb(255, 138, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7689, 0.4589, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 119) }
```

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

```
.background{ background-color: rgb(255,  
138, 119) }
```

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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