

Converting Colors

$Y_{xy}(39.3492, 0.4523, 0.3497)$

Have a look what the booklet for
Yxy(39.3492, 0.4523, 0.3497)
contains.

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Color

Yxy(39.2830, 0.4517, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	F78A77
RGB	247, 138, 119
RGB Percent	97%, 54%, 47%
CMY	0.0313, 0.4589, 0.5333
CMYK	0.00, 0.44, 0.52, 0.03
HSL	9°, 89%, 72%
HSV	9°, 52%, 97%
XYZ	50.7846, 39.2830, 22.3623
YIQ	168.4250, 71.0630, 17.1990

Conversions

Conversions Part 2

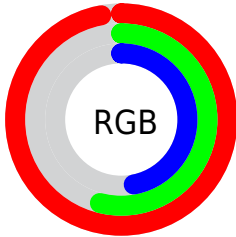
Format	Color
R _Y B	247, 141, 119
Decimal	16222839
CIE Lab	68.96, 39.54, 28.48
CIE LCh	69, 48.725, 35.761
Yxy	39.2830, 0.4517, 0.3494
Android (android.graphics.Color)	4294412919 (0xFFFF78A77)
YUV	168.4250, -24.3665, 68.9103
Hunter-Lab	62.6762, 34.9498, 22.7192

Details

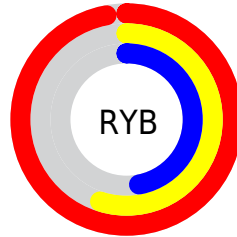
The Yxy color **39.2830, 0.4517, 0.3494** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1581, 0.2411, 0.3058**, and the grayscale version is **39.4743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3402, 0.3823, 0.3522**, and **17.6626, 0.4938, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **33.3031, 0.4938, 0.3517**, and if you desaturate by 10%, it is **46.5907, 0.4141, 0.3459**.

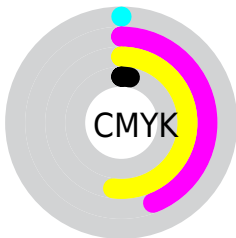
Distribution



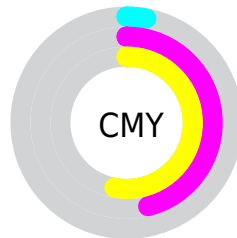
- Red (97%)
- Green (54%)
- Blue (47%)



- Red (97%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (52%)
- Black (3%)





- Cyan (3%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2830, 0.4517, 0.3494 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 39.2830, 0.4517, 0.3494 by changing the saturation by 10% instead.


 39.2830, 0.4517,
0.3494


 39.2830, 0.4517,
0.3494


343.0922, 0.3799,
0.3429


 26.9800, 0.4699,
0.3497


 74.0704, 0.4253,
0.3480

 17.5582, 0.4932,
0.3491


 97.3236, 0.4154,
0.3472

 10.6332, 0.5239,
0.3469


 124.9957, 0.4072,
0.3464

 5.8208, 0.5653,
0.3407

157.4709, 0.4001,
0.3456

 2.7364, 0.6333,
0.3312

195.1338, 0.3940,
0.3448

 0.9957, 0.7085,
0.2915

238.3687, 0.3887,


 0.0000, 1.0000,

0.3441


0.0000

287.5601, 0.3840,
0.3435


 0.0000, 0.0000,
0.0000

 39.2830, 0.4517,
0.3494


 39.2830, 0.4517,
0.3494


 33.3031, 0.4938,
0.3517


 46.5907, 0.4141,
0.3459


 28.5650, 0.5378,
0.3520


 55.2933, 0.3821,
0.3418


 24.9817, 0.5787,
0.3497


 65.4609, 0.3554,
0.3376

 22.4524, 0.6109,
0.3445

 77.1567, 0.3335,
0.3335

 21.0788, 0.6282,
0.3394

 90.4405, 0.3156,
0.3297

 98.5196, 0.3078,
0.3290

Harmonies

Analogous

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



39.2830, 0.4103, 0.2973



39.2830, 0.4517, 0.3494



39.2830, 0.4490, 0.4027

Triad

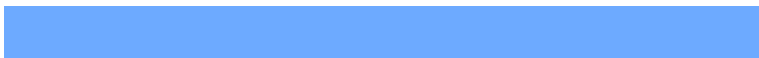
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2830, 0.4517, 0.3494



39.2830, 0.2749, 0.4263



39.2830, 0.2171, 0.2195

Complementary

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



39.2830, 0.4517, 0.3494



66.1581, 0.2411, 0.3058

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.



39.2830, 0.1906, 0.2373



39.2830, 0.4517, 0.3494



39.2830, 0.2199, 0.3543

Square

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



39.2830, 0.4517, 0.3494



39.2830, 0.3437, 0.4610



39.2830, 0.1911, 0.2833



39.2830, 0.2692, 0.2263

Rectangle

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



39.2830, 0.4517, 0.3494



39.2830, 0.4249, 0.4341



39.2830, 0.1911, 0.2833



39.2830, 0.2053, 0.2225

Sweetspot

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



39.2850, 0.4517, 0.3494



77.4414, 0.3422, 0.3352



38.6874, 0.3345, 0.2184



16.0227, 0.3467, 0.3360



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.



39.2850, 0.4517, 0.3494



35.6342, 0.4950, 0.3518



62.4624, 0.4129, 0.4135



16.8787, 0.3290, 0.3326



11.2691, 0.6262, 0.3410



1.1078, 0.6056, 0.3574

Inverse Universe

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



66.1581, 0.2411, 0.3058



67.2261, 0.2310, 0.3004



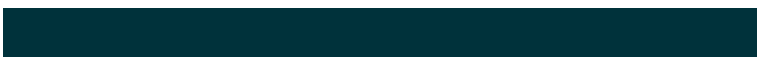
37.8954, 0.2247, 0.2239



18.3147, 0.2980, 0.3254



28.1969, 0.2115, 0.2812



2.5897, 0.2133, 0.2878

Previews

White Background



This preview shows how the Yxy color 39.2830, 0.4517, 0.3494 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 39.2830, 0.4517, 0.3494 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 39.2830, 0.4517, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 39.2830, 0.4517, 0.3494.



This preview shows how white text looks on a background with the Yxy color 39.2830, 0.4517, 0.3494.

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

39.2830, 0.4517, 0.3494

Protanopia

39.3745, 0.3562, 0.3792

Deuteranopia

39.2841, 0.3973, 0.3883



Tritanopia

39.2035, 0.4278, 0.3187

Trichromacy



Original Color

39.2830, 0.4517, 0.3494

Protanomaly

38.4836, 0.3898, 0.3678

Deuteranomaly

38.9488, 0.4172, 0.3739

Tritanomaly

39.0337, 0.4367, 0.3294

Monochromacy



Original Color

39.2830, 0.4517, 0.3494

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.1863, 0.3596, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2830, 0.4517, 0.3494 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(247, 138, 119)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 138, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 138, 119) }
```

Border

The CSS property to change the border of an element to Yxy 39.2830, 0.4517, 0.3494 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(247, 138, 119) }
```

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

```
.border{ border-color:rgb(247, 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(247, 138, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 138, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 138, 119);  
box-shadow:4px 4px 4px 4px rgb(247, 138,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2830, 0.4517, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 138, 119) }
```

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

```
.background{ background-color: rgb(247,  
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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