

Converting Colors

$Y_{xy}(39.1085, 0.4588, 0.3602)$

Have a look what the booklet for
Yxy(39.1085, 0.4588, 0.3602)
contains.

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Color

Yxy(39.0035, 0.4587, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	F58B6E
RGB	245, 139, 110
RGB Percent	96%, 55%, 43%
CMY	0.0391, 0.4549, 0.5686
CMYK	0.00, 0.43, 0.55, 0.04
HSL	13°, 87%, 70%
HSV	13°, 55%, 96%
XYZ	49.7108, 39.0035, 19.6589
YIQ	167.3880, 72.4850, 13.4530

Conversions

Conversions Part 2

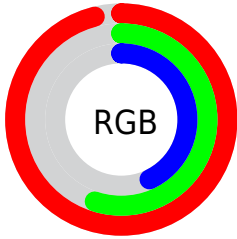
Format	Color
R _Y B	245, 147, 110
Decimal	16092014
CIE Lab	68.75, 37.53, 33.09
CIE LCh	69, 50.033, 41.401
Yxy	39.0035, 0.4587, 0.3599
Android (android.graphics.Color)	4294282094 (0xFFFF58B6E)
YUV	167.3880, -28.2923, 68.0657
Hunter-Lab	62.4528, 32.7889, 25.0536

Details

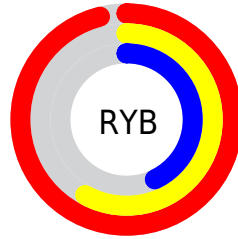
The Yxy color **39.0035, 0.4587, 0.3599** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **59.0397, 0.2353, 0.2925**, and the grayscale version is **38.9572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4522, 0.3894, 0.3627**, and **17.3545, 0.5005, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **33.4537, 0.4991, 0.3629**, and if you desaturate by 10%, it is **45.6856, 0.4218, 0.3551**.

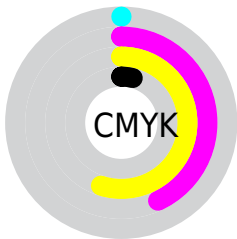
Distribution



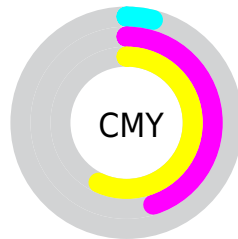
- Red (96%)
- Green (55%)
- Blue (43%)



- Red (96%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0035, 0.4587, 0.3599 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 39.0035, 0.4587, 0.3599 by changing the saturation by 10% instead.


 39.0035, 0.4587,
0.3599


 39.0035, 0.4587,
0.3599


341.9054, 0.3835,
0.3487


 26.7624, 0.4776,
0.3610


 73.6437, 0.4312,
0.3570

 17.3949, 0.5015,
0.3614


 96.8116, 0.4209,
0.3556

 10.5164, 0.5327,
0.3600


 124.3906, 0.4122,
0.3542

 5.7427, 0.5739,
0.3542

 156.7650, 0.4047,
0.3529

 2.6893, 0.6502,
0.3498

194.3193, 0.3983,
0.3517

 0.9717, 0.7013,
0.2987

237.4379, 0.3927,

 0.0000, 1.0000,

0.3506

0.0000

286.5051, 0.3878,
0.3496

0.0000, 0.0000,
0.0000

39.0035, 0.4587,
0.3599

39.0035, 0.4587,
0.3599

33.4537, 0.4991,
0.3629

45.6856, 0.4218,
0.3551

28.9661, 0.5402,
0.3629

53.5525, 0.3897,
0.3494

25.4722, 0.5777,
0.3593

62.6609, 0.3625,
0.3433

22.8918, 0.6067,
0.3520

73.0619, 0.3398,
0.3374

21.9285, 0.6175,
0.3479

84.8037, 0.3210,
0.3317

97.8015, 0.3066,
0.3284

98.1577, 0.3066,
0.3290

Harmonies

Analogous

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



39.0035, 0.4242, 0.3059



39.0035, 0.4587, 0.3599



39.0035, 0.4472, 0.4139

Triad

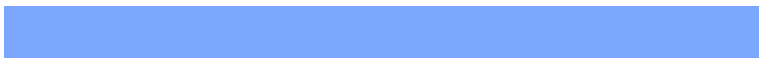
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.0035, 0.4587, 0.3599



39.0035, 0.2614, 0.4174



39.0035, 0.2227, 0.2163

Complementary

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



39.0035, 0.4587, 0.3599



59.0397, 0.2353, 0.2925

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.



39.0035, 0.1906, 0.2293



39.0035, 0.4587, 0.3599



39.0035, 0.2096, 0.3399

Square

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



39.0035, 0.4587, 0.3599



39.0035, 0.3307, 0.4626



39.0035, 0.1858, 0.2706



39.0035, 0.2805, 0.2276

Rectangle

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



39.0035, 0.4587, 0.3599



39.0035, 0.4181, 0.4443



39.0035, 0.1858, 0.2706



39.0035, 0.2090, 0.2177

Sweetspot

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



39.0055, 0.4587, 0.3599



77.6863, 0.3439, 0.3385



35.6320, 0.3455, 0.2202



16.1245, 0.3483, 0.3397



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.



39.0055, 0.4587, 0.3599



36.0683, 0.5033, 0.3630



63.9765, 0.4147, 0.4265



17.0591, 0.3288, 0.3342



11.9733, 0.6150, 0.3499



1.1967, 0.5916, 0.3684

Inverse Universe

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



59.0397, 0.2353, 0.2925



59.8244, 0.2242, 0.2839



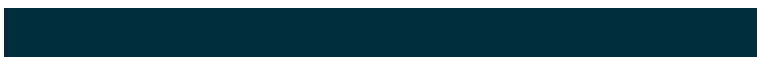
31.8838, 0.2165, 0.2036



18.1185, 0.2980, 0.3238



24.1656, 0.2051, 0.2583



2.2706, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 39.0035, 0.4587, 0.3599 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 39.0035, 0.4587, 0.3599 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 39.0035, 0.4587, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 39.0035, 0.4587, 0.3599.



This preview shows how white text looks on a background with the Yxy color 39.0035, 0.4587, 0.3599.

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

39.0035, 0.4587, 0.3599

Protanopia

39.2342, 0.3662, 0.3929

Deuteranopia

39.2269, 0.4067, 0.3990



Tritanopia

38.8380, 0.4259, 0.3186

Trichromacy



Original Color

39.0035, 0.4587, 0.3599

Protanomaly

38.2593, 0.3987, 0.3792

Deuteranomaly

38.7494, 0.4260, 0.3843

Tritanomaly

38.8671, 0.4376, 0.3337

Monochromacy



Original Color

39.0035, 0.4587, 0.3599

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7914, 0.3616, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0035, 0.4587, 0.3599 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(245, 139, 110)` looks like.

```
.text, #text, p{  
    color:rgb(245, 139, 110)  
}
```

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(245, 139, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 139, 110) }
```

Border

The CSS property to change the border of an element to Yxy 39.0035, 0.4587, 0.3599 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(245, 139, 110) }
```

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

```
.border{ border-color:rgb(245, 139, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 139, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 139, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 139, 110);  
box-shadow:4px 4px 4px 4px rgb(245, 139,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0035, 0.4587, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 139, 110) }
```

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

```
.background{ background-color: rgb(245,  
139, 110) }
```

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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