

Converting Colors

$Y_{xy}(38.1087, 0.4564, 0.3472)$

Have a look what the booklet for
Yxy(38.1087, 0.4564, 0.3472)
contains.

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Color

Yxy(38.1087, 0.4564, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	F78675
RGB	247, 134, 117
RGB Percent	97%, 53%, 46%
CMY	0.0314, 0.4745, 0.5410
CMYK	0.00, 0.46, 0.53, 0.03
HSL	8°, 89%, 71%
HSV	8°, 53%, 97%
XYZ	50.0945, 38.1087, 21.5569
YIQ	165.8490, 72.8050, 18.6690

Conversions

Conversions Part 2

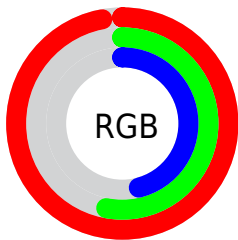
Format	Color
R _Y B	247, 137, 117
Decimal	16221813
CIE Lab	68.10, 41.38, 28.44
CIE LCh	68, 50.207, 34.497
Yxy	38.1087, 0.4564, 0.3472
Android (android.graphics.Color)	4294411893 (0xFFFF78675)
YUV	165.8490, -24.0826, 71.1694
Hunter-Lab	61.7322, 36.8178, 22.5085

Details

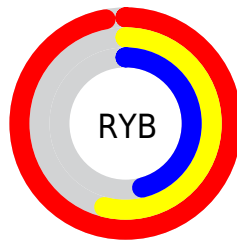
The Yxy color **38.1087, 0.4564, 0.3472** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.1092, 0.2408, 0.3082**, and the grayscale version is **38.1514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5198, 0.3854, 0.3502**, and **16.9034, 0.4982, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **32.2581, 0.4995, 0.3491**, and if you desaturate by 10%, it is **45.3218, 0.4178, 0.3442**.

Distribution



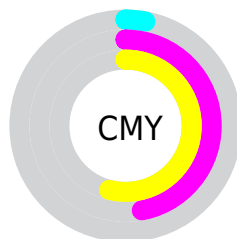
- Red (97%)
- Green (53%)
- Blue (46%)



- Red (97%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (3%)





- Cyan (3%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1087, 0.4564, 0.3472 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 38.1087, 0.4564, 0.3472 by changing the saturation by 10% instead.


 38.1087, 0.4564,
0.3472


 38.1087, 0.4564,
0.3472

338.0860, 0.3818,
0.3420

 26.0671, 0.4754,
0.3471


 72.2747, 0.4289,
0.3463

 16.8738, 0.4998,
0.3459


 95.1679, 0.4187,
0.3457

 10.1446, 0.5318,
0.3428


 122.4470, 0.4101,
0.3450

 5.4949, 0.5752,
0.3352

154.4965, 0.4027,
0.3443

 2.5405, 0.6502,
0.3250

191.7008, 0.3964,
0.3437

 0.8968, 0.7221,
0.2779


234.4442, 0.3909,


 0.0000, 1.0000,


0.3431


0.0000


283.1111, 0.3861,
0.3425

 0.0000, 0.0000,
0.0000


 38.1087, 0.4564,
0.3472


 38.1087, 0.4564,
0.3472

 32.2581, 0.4995,
0.3491


 45.3218, 0.4178,
0.3442


 27.6783, 0.5440,
0.3491


 53.9696, 0.3849,
0.3406

 24.2756, 0.5848,
0.3466


 64.1265, 0.3576,
0.3369

 21.9405, 0.6157,
0.3417

 75.8597, 0.3352,
0.3333

 20.8198, 0.6305,
0.3376

 89.2327, 0.3169,
0.3298

 98.5133, 0.3078,
0.3290

Harmonies

Analogous

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



38.1087, 0.4116, 0.2938



38.1087, 0.4564, 0.3472



38.1087, 0.4551, 0.4025

Triad

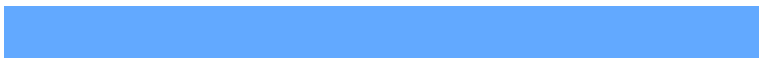
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.1087, 0.4564, 0.3472



38.1087, 0.2759, 0.4334



38.1087, 0.2119, 0.2159

Complementary

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



38.1087, 0.4564, 0.3472



67.1092, 0.2408, 0.3082

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.



38.1087, 0.1859, 0.2352



38.1087, 0.4564, 0.3472



38.1087, 0.2183, 0.3586

Square

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



38.1087, 0.4564, 0.3472



38.1087, 0.3474, 0.4670



38.1087, 0.1875, 0.2838



38.1087, 0.2647, 0.2220

Rectangle

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



38.1087, 0.4564, 0.3472



38.1087, 0.4308, 0.4357



38.1087, 0.1875, 0.2838



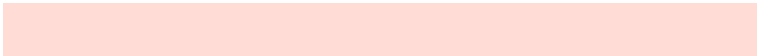
38.1087, 0.2002, 0.2193

Sweetspot

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



38.1107, 0.4564, 0.3472



77.0637, 0.3423, 0.3345



38.3219, 0.3328, 0.2152



15.9339, 0.3469, 0.3352



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.



38.1107, 0.4564, 0.3472



34.4101, 0.5017, 0.3491



61.0725, 0.4160, 0.4126



16.8311, 0.3290, 0.3322



11.1238, 0.6286, 0.3391



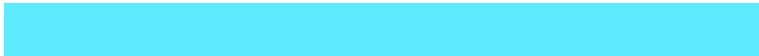
1.0854, 0.6093, 0.3544

Inverse Universe

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



67.1092, 0.2408, 0.3082



68.4783, 0.2310, 0.3034



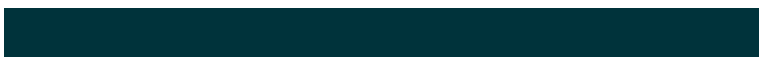
38.0845, 0.2239, 0.2249



18.3670, 0.2981, 0.3258



29.3380, 0.2131, 0.2872



2.6792, 0.2147, 0.2929

Previews

White Background



This preview shows how the Yxy color 38.1087, 0.4564, 0.3472 looks on a white background.

Color Contrast Check

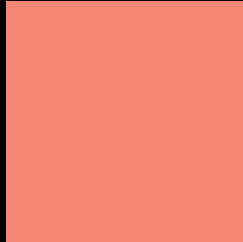
Large Text (above 18pt) WCAG AA × Fail

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 38.1087, 0.4564, 0.3472 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 38.1087, 0.4564, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 38.1087, 0.4564, 0.3472.



This preview shows how white text looks on a background with the Yxy color 38.1087, 0.4564, 0.3472.

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

38.1087, 0.4564, 0.3472

Protanopia

38.2582, 0.3548, 0.3785

Deuteranopia

38.1082, 0.3982, 0.3904



Tritanopia

38.2658, 0.4339, 0.3198

Trichromacy



Original Color

38.1087, 0.4564, 0.3472

Protanomaly

37.1741, 0.3902, 0.3656

Deuteranomaly

37.6265, 0.4191, 0.3731

Tritanomaly

38.1249, 0.4417, 0.3294

Monochromacy



Original Color

38.1087, 0.4564, 0.3472

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.8514, 0.3605, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1087, 0.4564, 0.3472 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, 134, 117)` looks like.

```
.text, #text, p{  
    color:rgb(247, 134, 117)  
}
```

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, 134, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 134, 117) }
```

Border

The CSS property to change the border of an element to Yxy 38.1087, 0.4564, 0.3472 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, 134, 117) }
```

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

```
.border{ border-color:rgb(247, 134, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 134, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 134, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 134, 117); box-shadow:4px 4px 4px 4px rgb(247, 134, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1087, 0.4564, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 134, 117) }
```

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

```
.background{ background-color: rgb(247,  
134, 117) }
```

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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