

Converting Colors

$Y_{xy}(40.7495, 0.4560, 0.3468)$

Have a look what the booklet for
Yxy(40.7495, 0.4560, 0.3468)
contains.

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Color

Yxy(40.6283, 0.4559, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	FE8A79
RGB	254, 138, 121
RGB Percent	100%, 54%, 47%
CMY	0.0040, 0.4588, 0.5255
CMYK	0.00, 0.46, 0.52, 0.00
HSL	8°, 99%, 74%
HSV	8°, 52%, 100%
XYZ	53.4096, 40.6283, 23.1141
YIQ	170.7460, 74.5930, 19.3050

Conversions

Conversions Part 2

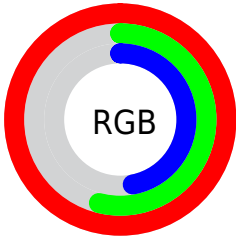
Format	Color
R_{YB}	254, 140, 121
Decimal	16681593
CIE _{Lab}	69.91, 42.28, 28.82
CIE _{LCh}	70, 51.168, 34.282
Yxy	40.6283, 0.4559, 0.3468
Android (android.graphics.Color)	4294871673 (0xFFFE8A79)
YUV	170.7460, -24.5248, 73.0138
Hunter-Lab	63.7403, 38.0239, 23.1180

Details

The Yxy color **40.6283, 0.4559, 0.3468** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.7698, 0.2411, 0.3087**, and the grayscale version is **40.6897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4559, 0.3798, 0.3491**, and **18.3023, 0.4985, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **34.3659, 0.4991, 0.3487**, and if you desaturate by 10%, it is **48.3547, 0.4173, 0.3438**.

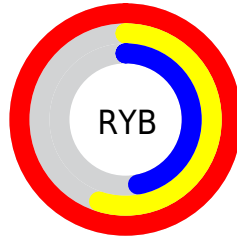
Distribution



Red (100%)

Green (54%)

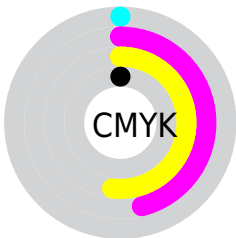
Blue (47%)



Red (100%)

Yellow (55%)

Blue (47%)

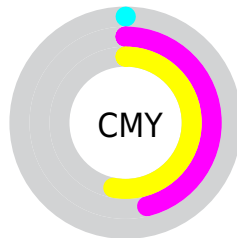


Cyan (0%)

Magenta (46%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6283, 0.4559, 0.3468 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 40.6283, 0.4559, 0.3468 by changing the saturation by 10% instead.

 40.6283, 0.4559,
0.3468


 40.6283, 0.4559,
0.3468


348.7647, 0.3823,
0.3418


 28.0288, 0.4744,
0.3466


 76.1193, 0.4290,
0.3460

 18.3473, 0.4980,
0.3456


 99.7796, 0.4189,
0.3454

 11.1996, 0.5289,
0.3426


 127.8956, 0.4104,
0.3448

 6.2013, 0.5703,
0.3357

160.8516, 0.4031,
0.3441

 2.9679, 0.6345,
0.3235

199.0322, 0.3969,
0.3435

 1.1150, 0.7134,
0.2866

242.8216, 0.3914,


 0.0000, 1.0000,

0.3429


0.0000

292.6043, 0.3866,
0.3424


 0.0000, 0.0000,
0.0000


 40.6283, 0.4559,
0.3468

 40.6283, 0.4559,
0.3468


 34.3659, 0.4991,
0.3487


 48.3547, 0.4173,
0.3438


 29.4689, 0.5438,
0.3487


 57.6231, 0.3844,
0.3403


 25.8360, 0.5847,
0.3463

 68.5136, 0.3571,
0.3366

 23.3492, 0.6158,
0.3415

 81.0987, 0.3347,
0.3331

 22.1292, 0.6309,
0.3372

 95.4467, 0.3165,
0.3298

99.8088, 0.3121,
0.3290

Harmonies

Analogous

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



40.6283, 0.4109, 0.2935



40.6283, 0.4559, 0.3468



40.6283, 0.4550, 0.4020

Triad

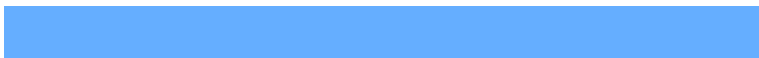
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.6283, 0.4559, 0.3468



40.6283, 0.2765, 0.4335



40.6283, 0.2119, 0.2162

Complementary

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



40.6283, 0.4559, 0.3468



71.7698, 0.2411, 0.3087

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.



40.6283, 0.1860, 0.2356



40.6283, 0.4559, 0.3468



40.6283, 0.2188, 0.3591

Square

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



40.6283, 0.4559, 0.3468



40.6283, 0.3479, 0.4667



40.6283, 0.1879, 0.2844



40.6283, 0.2643, 0.2221

Rectangle

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



40.6283, 0.4559, 0.3468



40.6283, 0.4309, 0.4352



40.6283, 0.1879, 0.2844



40.6283, 0.2002, 0.2196

Sweetspot

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



40.6304, 0.4559, 0.3468



77.0085, 0.3423, 0.3344



40.9431, 0.3327, 0.2155



15.9209, 0.3469, 0.3351



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.



40.6304, 0.4559, 0.3468



34.3154, 0.5020, 0.3487



65.1647, 0.4156, 0.4123



18.3615, 0.3291, 0.3321



11.7819, 0.6291, 0.3387



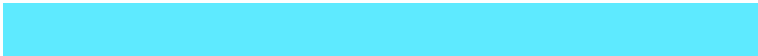
1.2587, 0.6120, 0.3523

Inverse Universe

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



71.7698, 0.2411, 0.3087



68.7148, 0.2311, 0.3039



40.7155, 0.2242, 0.2253



20.0613, 0.2980, 0.3259



31.3273, 0.2133, 0.2879



3.1562, 0.2147, 0.2931

Previews

White Background



This preview shows how the Yxy color 40.6283, 0.4559, 0.3468 looks on a white background.

Color Contrast Check

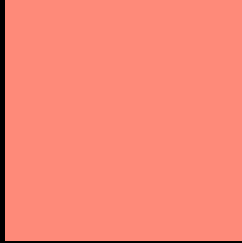
Large Text (above 18pt) WCAG AA × Fail

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 40.6283, 0.4559, 0.3468 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 40.6283, 0.4559, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 40.6283, 0.4559, 0.3468.



This preview shows how white text looks on a background with the Yxy color 40.6283, 0.4559, 0.3468.

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

40.6283, 0.4559, 0.3468

Protanopia

40.8485, 0.3536, 0.3772

Deuteranopia

40.7910, 0.3978, 0.3900



Tritanopia

40.6323, 0.4319, 0.3190

Trichromacy



Original Color

40.6283, 0.4559, 0.3468

Protanomaly

39.8449, 0.3890, 0.3646

Deuteranomaly

40.4387, 0.4190, 0.3730

Tritanomaly

40.6459, 0.4416, 0.3294

Monochromacy



Original Color

40.6283, 0.4559, 0.3468

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5137, 0.3601, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6283, 0.4559, 0.3468 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(254, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 121)  
}
```

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(254, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 121) }
```

Border

The CSS property to change the border of an element to Yxy 40.6283, 0.4559, 0.3468 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(254, 138, 121) }
```

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

```
.border{ border-color:rgb(254, 138, 121) }
```

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

Here you see how a box with a 4 pixel rgb(254, 138, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 121);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6283, 0.4559, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 121) }
```

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

```
.background{ background-color: rgb(254,  
138, 121) }
```

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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