

Converting Colors

Yxy(50.3528, 0.4831, 0.3385)

Have a look what the booklet for
Yxy(50.3528, 0.4831, 0.3385)
contains.

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Color

Yxy(41.3102, 0.4476, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B81
RGB	255, 139, 129
RGB Percent	100%, 55%, 51%
CMY	0.0000, 0.4548, 0.4942
CMYK	0.00, 0.45, 0.49, 0.00
HSL	5°, 100%, 75%
HSV	5°, 49%, 100%
XYZ	54.4317, 41.3102, 25.8660
YIQ	172.5440, 72.3460, 21.4820

Conversions

Conversions Part 2

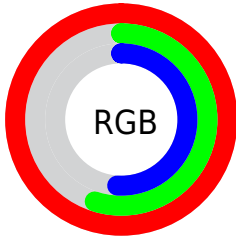
Format	Color
R _Y B	255, 140, 129
Decimal	16747393
CIE Lab	70.39, 42.83, 25.09
CIE LCh	70, 49.640, 30.356
Yxy	41.3102, 0.4476, 0.3397
Android (android.graphics.Color)	4294937473 (0xFFFF8B81)
YUV	172.5440, -21.4672, 72.3139
Hunter-Lab	64.2730, 38.6908, 21.1305

Details

The Yxy color **41.3102, 0.4476, 0.3397** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.1631, 0.2456, 0.3172**, and the grayscale version is **41.6299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2210, 0.3728, 0.3417**, and **18.7041, 0.4869, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **34.6338, 0.4914, 0.3411**, and if you desaturate by 10%, it is **49.6187, 0.4092, 0.3377**.

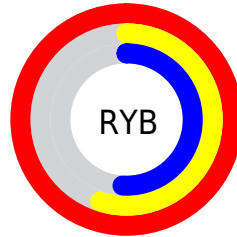
Distribution



Red (100%)

Green (55%)

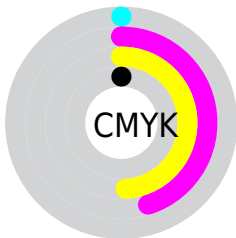
Blue (51%)



Red (100%)

Yellow (55%)

Blue (51%)

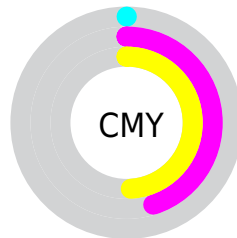


Cyan (0%)

Magenta (45%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3102, 0.4476, 0.3397 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 41.3102, 0.4476, 0.3397 by changing the saturation by 10% instead.

 41.3102, 0.4476,
0.3397


 41.3102, 0.4476,
0.3397


351.6154, 0.3783,
0.3377

 28.5615, 0.4651,
0.3391


 77.1546, 0.4222,
0.3398

 18.7494, 0.4875,
0.3375

 101.0191, 0.4127,
0.3396

 11.4893, 0.5170,
0.3343


 129.3576, 0.4047,
0.3393

 6.3970, 0.5572,
0.3275

162.5547, 0.3979,
0.3390

 3.0879, 0.6149,
0.3136

200.9946, 0.3920,
0.3387

 1.1778, 0.7126,
0.2874

245.0618, 0.3868,

 0.0435, 0.9624,

0.3383

0.0376

295.1406, 0.3823,
0.3380

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.3102, 0.4476,
0.3397

41.3102, 0.4476,
0.3397

34.6338, 0.4914,
0.3411

49.6187, 0.4092,
0.3377

29.4760, 0.5378,
0.3413

59.6502, 0.3769,
0.3355

25.7191, 0.5813,
0.3400

71.4965, 0.3505,
0.3331

23.2250, 0.6152,
0.3371

85.2412, 0.3291,
0.3309

■ 21.8230, 0.6348,
0.3336

99.9984, 0.3127,
0.3290

■ 21.7696, 0.6356,
0.3335

Harmonies

Analogous

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



41.3102, 0.3992, 0.2886



41.3102, 0.4476, 0.3397



41.3102, 0.4529, 0.3935

Triad

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



41.3102, 0.4476, 0.3397



41.3102, 0.2867, 0.4365



41.3102, 0.2102, 0.2206

Complementary

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



41.3102, 0.4476, 0.3397



77.1631, 0.2456, 0.3172

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.



41.3102, 0.1885, 0.2433



41.3102, 0.4476, 0.3397



41.3102, 0.2280, 0.3684

Square

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



41.3102, 0.4476, 0.3397



41.3102, 0.3562, 0.4619



41.3102, 0.1940, 0.2945



41.3102, 0.2580, 0.2232

Rectangle

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



41.3102, 0.4476, 0.3397



41.3102, 0.4330, 0.4264



41.3102, 0.1940, 0.2945



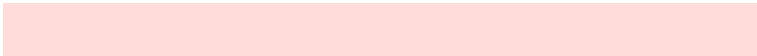
41.3102, 0.2000, 0.2252

Sweetspot

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



41.3123, 0.4476, 0.3397



77.3362, 0.3405, 0.3322



43.6436, 0.3257, 0.2160



15.9473, 0.3451, 0.3326



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.



41.3123, 0.4476, 0.3397



34.8844, 0.4895, 0.3410



64.3305, 0.4122, 0.4021



18.2193, 0.3293, 0.3310



11.4570, 0.6343, 0.3345



1.1918, 0.6220, 0.3443

Inverse Universe

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



77.1631, 0.2456, 0.3172



74.3082, 0.2366, 0.3146



45.9936, 0.2308, 0.2404



20.2192, 0.2980, 0.3270



34.8307, 0.2177, 0.3038



3.4617, 0.2186, 0.3069

Previews

White Background



This preview shows how the Yxy color 41.3102, 0.4476, 0.3397 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 41.3102, 0.4476, 0.3397 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 41.3102, 0.4476, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 41.3102, 0.4476, 0.3397.

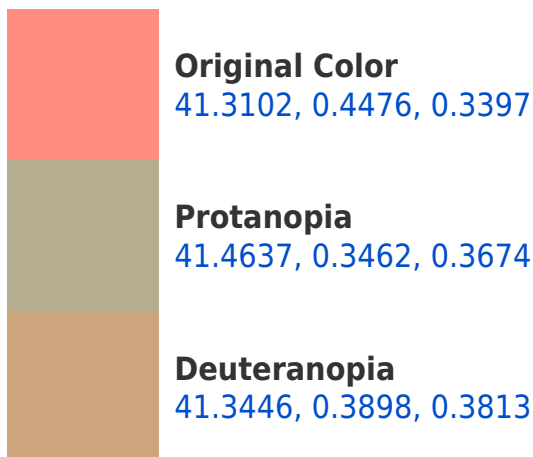


This preview shows how white text looks on a background with the Yxy color 41.3102, 0.4476, 0.3397.

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





Tritanopia

41.2579, 0.4287, 0.3190

Trichromacy



Original Color

41.3102, 0.4476, 0.3397

Protanomaly

40.5610, 0.3816, 0.3556

Deuteranomaly

40.9713, 0.4105, 0.3649

Tritanomaly

41.3304, 0.4360, 0.3273

Monochromacy



Original Color

41.3102, 0.4476, 0.3397

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6206, 0.3576, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3102, 0.4476, 0.3397 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, 139, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 129)  
}
```

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, 139, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.3102, 0.4476, 0.3397 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, 139, 129) }
```

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

```
.border{ border-color:rgb(255, 139, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3102, 0.4476, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 129) }
```

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

```
.background{ background-color: rgb(255,  
139, 129) }
```

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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