

Converting Colors

$Yxy(40.9880, 0.4108, 0.3480)$

Have a look what the booklet for
Yxy(40.9880, 0.4108, 0.3480)
contains.

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Color

Yxy(41.1947, 0.4113, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	E79887
RGB	231, 152, 135
RGB Percent	91%, 60%, 53%
CMY	0.0940, 0.4039, 0.4706
CMYK	0.00, 0.34, 0.42, 0.09
HSL	11°, 67%, 72%
HSV	11°, 42%, 91%
XYZ	48.5623, 41.1947, 28.3132
YIQ	173.6830, 52.5410, 11.4610

Conversions

Conversions Part 2

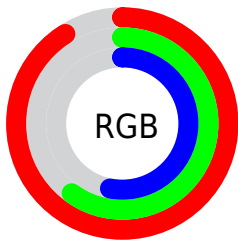
Format	Color
R _Y B	231, 156, 135
Decimal	15177863
CIE Lab	70.31, 27.69, 21.16
CIE LCh	70, 34.845, 37.388
Yxy	41.1947, 0.4113, 0.3489
Android (android.graphics.Color)	4293367943 (0xFFE79887)
YUV	173.6830, -19.0707, 50.2670
Hunter-Lab	64.1831, 22.7364, 18.7734

Details

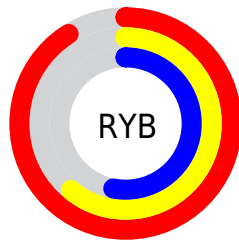
The Yxy color **41.1947, 0.4113, 0.3489** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0308, 0.2525, 0.3075**, and the grayscale version is **42.2370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5165, 0.3644, 0.3488**, and **18.6545, 0.4417, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **34.9301, 0.4476, 0.3532**, and if you desaturate by 10%, it is **48.5939, 0.3802, 0.3440**.

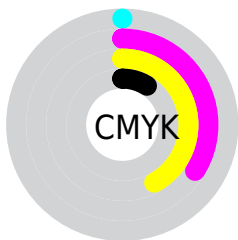
Distribution



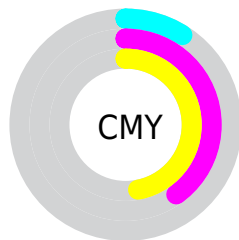
- Red (91%)
- Green (60%)
- Blue (53%)



- Red (91%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (42%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1947, 0.4113, 0.3489 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 41.1947, 0.4113, 0.3489 by changing the saturation by 10% instead.

 41.1947, 0.4113,
0.3489


 41.1947, 0.4113,
0.3489


351.1337, 0.3605,
0.3407


 28.4713, 0.4243,
0.3503


 76.9794, 0.3926,
0.3464

 18.6812, 0.4411,
0.3517


 100.8094, 0.3856,
0.3453

 11.4401, 0.4636,
0.3527


 129.1104, 0.3798,
0.3443

 6.3637, 0.4949,
0.3526

162.2667, 0.3748,
0.3434

 3.0675, 0.5407,
0.3490

200.6628, 0.3705,
0.3427

 1.1671, 0.6467,
0.3533

244.6831, 0.3667,

 0.0346, 0.9535,

0.3419

0.0465

294.7119, 0.3634,
0.3413

0.0000, 0.0000,
0.0000

41.1947, 0.4113,
0.3489

41.1947, 0.4113,
0.3489

34.9301, 0.4476,
0.3532

48.5939, 0.3802,
0.3440

29.7377, 0.4882,
0.3561

57.1740, 0.3543,
0.3390

25.5584, 0.5309,
0.3569


66.9859, 0.3328,
0.3342


22.3247, 0.5714,
0.3546

78.0760, 0.3152,
0.3297

19.9604, 0.6042,
0.3491

90.4880, 0.3007,
0.3255

 18.5709, 0.6236,
0.3431

 95.7330, 0.2982,
0.3290

Harmonies

Analogous

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



41.1947, 0.3836, 0.3092



41.1947, 0.4113, 0.3489



41.1947, 0.4094, 0.3874

Triad

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



41.1947, 0.4113, 0.3489



41.1947, 0.2847, 0.3929



41.1947, 0.2449, 0.2486

Complementary

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



41.1947, 0.4113, 0.3489



59.0308, 0.2525, 0.3075

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.



41.1947, 0.2235, 0.2625



41.1947, 0.4113, 0.3489



41.1947, 0.2447, 0.3449

Square

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



41.1947, 0.4113, 0.3489



41.1947, 0.3344, 0.4194



41.1947, 0.2232, 0.2962



41.1947, 0.2849, 0.2539

Rectangle

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



41.1947, 0.4113, 0.3489



41.1947, 0.3926, 0.4078



41.1947, 0.2232, 0.2962



41.1947, 0.2355, 0.2510

Sweetspot

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



41.1967, 0.4113, 0.3489



83.1544, 0.3338, 0.3344



39.2284, 0.3324, 0.2419



17.4363, 0.3364, 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.



41.1967, 0.4113, 0.3489



44.6383, 0.4426, 0.3527



59.5967, 0.3883, 0.4007



14.7783, 0.3288, 0.3332



10.5353, 0.6213, 0.3449



0.8997, 0.5949, 0.3658

Inverse Universe

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



59.0308, 0.2525, 0.3075



69.7298, 0.2421, 0.3022



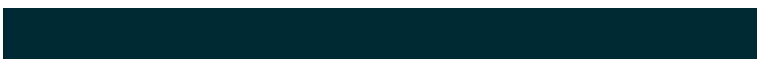
38.5624, 0.2423, 0.2443



15.8796, 0.2981, 0.3247



24.0743, 0.2088, 0.2716



1.8931, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 41.1947, 0.4113, 0.3489 looks on a white background.

Color Contrast Check

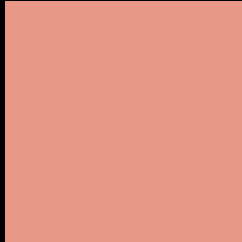
Large Text (above 18pt) WCAG AA × Fail

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 41.1947, 0.4113, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

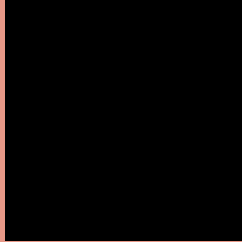
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1947, 0.4113, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 41.1947, 0.4113, 0.3489.



This preview shows how white text looks on a background with the Yxy color 41.1947, 0.4113, 0.3489.

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

41.1947, 0.4113, 0.3489

Protanopia

41.4637, 0.3462, 0.3674

Deuteranopia

41.1603, 0.3784, 0.3704



Tritanopia

41.0415, 0.3885, 0.3155

Trichromacy



Original Color

41.1947, 0.4113, 0.3489

Protanomaly

41.1127, 0.3688, 0.3603

Deuteranomaly

41.0090, 0.3906, 0.3614

Tritanomaly

40.8851, 0.3967, 0.3269

Monochromacy



Original Color

41.1947, 0.4113, 0.3489

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4126, 0.3457, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1947, 0.4113, 0.3489 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(231, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(231, 152, 135)  
}
```

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(231, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 152, 135) }
```

Border

The CSS property to change the border of an element to Yxy 41.1947, 0.4113, 0.3489 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(231, 152, 135) }
```

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

```
.border{ border-color:rgb(231, 152, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 152, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 152, 135);  
box-shadow:4px 4px 4px 4px rgb(231, 152,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1947, 0.4113, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 152, 135) }
```

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

```
.background{ background-color: rgb(231,  
152, 135) }
```

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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