

Converting Colors

$Y_{xy}(40.0285, 0.4364, 0.3479)$

Have a look what the booklet for
Yxy(40.0285, 0.4364, 0.3479)
contains.

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Color

Yxy(40.0285, 0.4364, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	F28F7E
RGB	242, 143, 126
RGB Percent	95%, 56%, 49%
CMY	0.0509, 0.4392, 0.5059
CMYK	0.00, 0.41, 0.48, 0.05
HSL	9°, 82%, 72%
HSV	9°, 48%, 95%
XYZ	50.2111, 40.0285, 24.8179
YIQ	170.6630, 64.4610, 15.7010

Conversions

Conversions Part 2

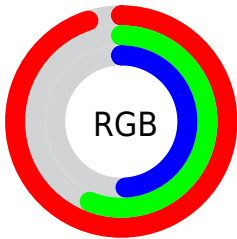
Format	Color
R _Y B	242, 146, 126
Decimal	15896446
CIE Lab	69.49, 35.70, 25.23
CIE LCh	69, 43.716, 35.243
Yxy	40.0285, 0.4364, 0.3479
Android (android.graphics.Color)	4294086526 (0xFFFF28F7E)
YUV	170.6630, -22.0189, 62.5625
Hunter-Lab	63.2681, 30.9428, 21.0302

Details

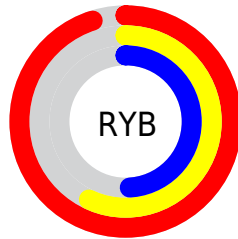
The Yxy color **40.0285, 0.4364, 0.3479** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7102, 0.2455, 0.3080**, and the grayscale version is **40.6359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9028, 0.3741, 0.3490**, and **17.9631, 0.4729, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **33.8384, 0.4769, 0.3507**, and if you desaturate by 10%, it is **47.5156, 0.4010, 0.3441**.

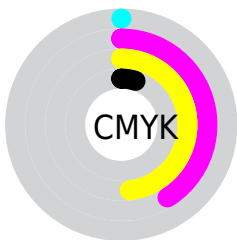
Distribution



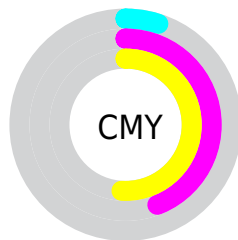
- Red (95%)
- Green (56%)
- Blue (49%)



- Red (95%)
- Yellow (57%)
- Blue (49%)



- Cyan (0%)
- Magenta (41%)
- Yellow (48%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0285, 0.4364, 0.3479 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 40.0285, 0.4364, 0.3479 by changing the saturation by 10% instead.


 40.0285, 0.4364,
0.3479


 40.0285, 0.4364,
0.3479

346.2437, 0.3725,
0.3413

 27.5608, 0.4527,
0.3485


 75.2069, 0.4129,
0.3462

 17.9948, 0.4736,
0.3486


 98.6864, 0.4041,
0.3454

 10.9463, 0.5014,
0.3475


 126.6052, 0.3967,
0.3446

 6.0307, 0.5395,
0.3437

159.3478, 0.3905,
0.3438

 2.8638, 0.5969,
0.3347

197.2986, 0.3851,
0.3431

 1.0610, 0.6886,
0.3114

240.8419, 0.3803,

 0.0000, 1.0000,

0.3425

0.0000

290.3621, 0.3762,
0.3418

0.0000, 0.0000,
0.0000

40.0285, 0.4364,
0.3479

40.0285, 0.4364,
0.3479

33.8384, 0.4769,
0.3507

47.5156, 0.4010,
0.3441

28.8654, 0.5206,
0.3519

56.3616, 0.3711,
0.3400

25.0300, 0.5635,
0.3507

66.6317, 0.3464,
0.3359

22.2408, 0.5998,
0.3466

78.3849, 0.3261,
0.3319

20.3899, 0.6244,
0.3404

91.6772, 0.3096,
0.3283

■ 20.1096, 0.6283,
0.3393

■ 97.6206, 0.3048,
0.3290

Harmonies

Analogous

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



40.0285, 0.3988, 0.3002



40.0285, 0.4364, 0.3479



40.0285, 0.4355, 0.3962

Triad

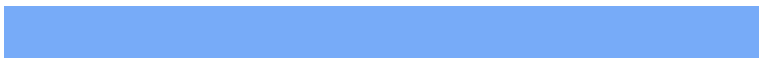
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.0285, 0.4364, 0.3479



40.0285, 0.2806, 0.4155



40.0285, 0.2258, 0.2300

Complementary

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



40.0285, 0.4364, 0.3479



64.7102, 0.2455, 0.3080

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.



40.0285, 0.2018, 0.2474



40.0285, 0.4364, 0.3479



40.0285, 0.2302, 0.3532

Square

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



40.0285, 0.4364, 0.3479



40.0285, 0.3427, 0.4460



40.0285, 0.2030, 0.2899



40.0285, 0.2730, 0.2355

Rectangle

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



40.0285, 0.4364, 0.3479



40.0285, 0.4149, 0.4238



40.0285, 0.2030, 0.2899



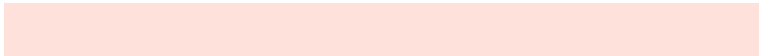
40.0285, 0.2151, 0.2331

Sweetspot

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



40.0305, 0.4364, 0.3479



79.9869, 0.3380, 0.3343



39.3233, 0.3325, 0.2259



16.5248, 0.3426, 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.



40.0305, 0.4364, 0.3479



37.9627, 0.4779, 0.3508



61.4543, 0.4041, 0.4076



16.1324, 0.3290, 0.3325



10.9201, 0.6263, 0.3409



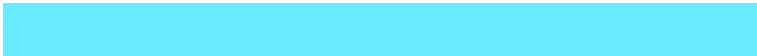
1.0220, 0.6046, 0.3581

Inverse Universe

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



64.7102, 0.2455, 0.3080



68.8188, 0.2348, 0.3028



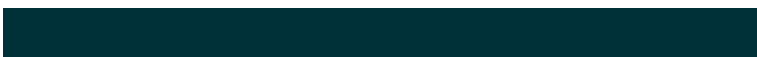
39.0525, 0.2315, 0.2334



17.5112, 0.2981, 0.3255



27.4577, 0.2116, 0.2819



2.3907, 0.2135, 0.2887

Previews

White Background



This preview shows how the Yxy color 40.0285, 0.4364, 0.3479 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 40.0285, 0.4364, 0.3479 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 40.0285, 0.4364, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 40.0285, 0.4364, 0.3479.



This preview shows how white text looks on a background with the Yxy color 40.0285, 0.4364, 0.3479.

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

40.0285, 0.4364, 0.3479

Protanopia

40.2877, 0.3502, 0.3734

Deuteranopia

40.1561, 0.3897, 0.3820



Tritanopia

40.1913, 0.4134, 0.3184

Trichromacy



Original Color

40.0285, 0.4364, 0.3479

Protanomaly

39.5594, 0.3805, 0.3627

Deuteranomaly

39.9587, 0.4075, 0.3694

Tritanomaly

40.0275, 0.4220, 0.3293

Monochromacy



Original Color

40.0285, 0.4364, 0.3479

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7266, 0.3536, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0285, 0.4364, 0.3479 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(242, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(242, 143, 126)  
}
```

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(242, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 143, 126) }
```

Border

The CSS property to change the border of an element to Yxy 40.0285, 0.4364, 0.3479 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(242, 143, 126) }
```

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

```
.border{ border-color:rgb(242, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(242, 143,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0285, 0.4364, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 143, 126) }
```

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

```
.background{ background-color: rgb(242,  
143, 126) }
```

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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