

Converting Colors

$Y_{xy}(40.7494, 0.4387, 0.3566)$

Have a look what the booklet for
Yxy(40.7494, 0.4387, 0.3566)
contains.

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Color

Yxy(40.6390, 0.4389, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	F19279
RGB	241, 146, 121
RGB Percent	95%, 57%, 47%
CMY	0.0549, 0.4274, 0.5256
CMYK	0.00, 0.39, 0.50, 0.05
HSL	13°, 81%, 71%
HSV	13°, 50%, 95%
XYZ	50.0041, 40.6390, 23.2874
YIQ	171.5550, 64.6450, 12.3650

Conversions

Conversions Part 2

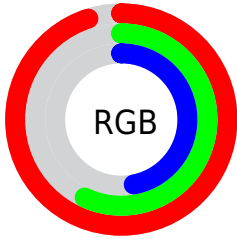
Format	Color
R_{YB}	241, 153, 121
Decimal	15831673
CIE _{Lab}	69.92, 33.28, 28.54
CIE _{LCh}	70, 43.842, 40.609
Yxy	40.6390, 0.4389, 0.3567
Android (android.graphics.Color)	4294021753 (0xFFFF19279)
YUV	171.5550, -24.9236, 60.9033
Hunter-Lab	63.7487, 28.4540, 22.9655

Details

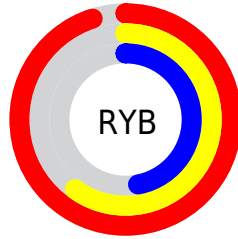
The Yxy color **40.6390, 0.4389, 0.3567** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.5044, 0.2416, 0.2976**, and the grayscale version is **41.1224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0893, 0.3772, 0.3573**, and **18.2970, 0.4759, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **34.7238, 0.4778, 0.3606**, and if you desaturate by 10%, it is **47.6869, 0.4044, 0.3515**.

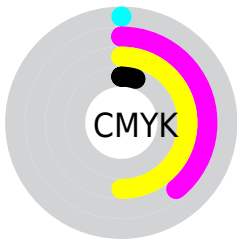
Distribution



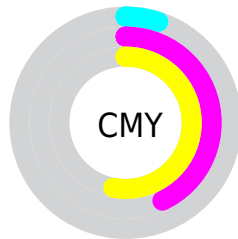
- Red (95%)
- Green (57%)
- Blue (47%)



- Red (95%)
- Yellow (60%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6390, 0.4389, 0.3567 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 40.6390, 0.4389, 0.3567 by changing the saturation by 10% instead.


 40.6390, 0.4389,
0.3567


 40.6390, 0.4389,
0.3567


348.8096, 0.3740,
0.3459


 28.0371, 0.4553,
0.3582


 76.1356, 0.4151,
0.3536

 18.3536, 0.4762,
0.3594


 99.7991, 0.4062,
0.3522

 11.2042, 0.5038,
0.3596


 127.9185, 0.3987,
0.3509

 6.2043, 0.5411,
0.3571

160.8784, 0.3923,
0.3497

 2.9697, 0.5999,
0.3519

199.0630, 0.3868,
0.3486

 1.1159, 0.6751,
0.3249

242.8568, 0.3820,

 0.0000, 1.0000,

0.3477

0.0000

292.6442, 0.3778,
0.3468

■ 0.0000, 0.0000,
0.0000

■ 40.6390, 0.4389,
0.3567

■ 40.6390, 0.4389,
0.3567

■ 34.7238, 0.4778,
0.3606

■ 47.6869, 0.4044,
0.3515

■ 29.8753, 0.5192,
0.3623

■ 55.9166, 0.3748,
0.3457

■ 26.0299, 0.5595,
0.3607

■ 65.3818, 0.3500,
0.3398

■ 23.1144, 0.5936,
0.3553

■ 76.1310, 0.3294,
0.3342

■ 21.0387, 0.6181,
0.3473

■ 88.2100, 0.3124,
0.3289

■ 21.0056, 0.6185,
0.3471

■ 97.4407, 0.3041,
0.3290

Harmonies

Analogous

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



40.6390, 0.4078, 0.3084



40.6390, 0.4389, 0.3567



40.6390, 0.4311, 0.4041

Triad

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



40.6390, 0.4389, 0.3567



40.6390, 0.2703, 0.4057



40.6390, 0.2328, 0.2296

Complementary

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



40.6390, 0.4389, 0.3567



59.5044, 0.2416, 0.2976

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.



40.6390, 0.2045, 0.2426



40.6390, 0.4389, 0.3567



40.6390, 0.2236, 0.3410

Square

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



40.6390, 0.4389, 0.3567



40.6390, 0.3314, 0.4435



40.6390, 0.2011, 0.2806



40.6390, 0.2836, 0.2388

Rectangle

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



40.6390, 0.4389, 0.3567



40.6390, 0.4069, 0.4298



40.6390, 0.2011, 0.2806



40.6390, 0.2207, 0.2313

Sweetspot

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



40.6411, 0.4389, 0.3567



79.9611, 0.3397, 0.3371



37.3773, 0.3414, 0.2294



16.5707, 0.3442, 0.3383



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.



40.6411, 0.4389, 0.3567



39.2469, 0.4794, 0.3607



63.7385, 0.4038, 0.4181



16.2930, 0.3288, 0.3340



11.5466, 0.6160, 0.3491



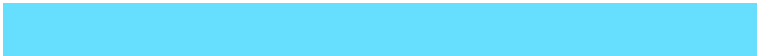
1.0994, 0.5915, 0.3686

Inverse Universe

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



59.5044, 0.2416, 0.2976



62.8638, 0.2302, 0.2898



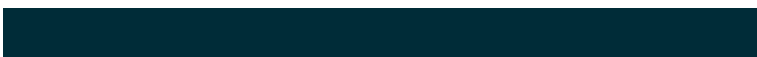
34.5201, 0.2262, 0.2180



17.3363, 0.2981, 0.3240



23.7860, 0.2057, 0.2605



2.1176, 0.2085, 0.2706

Previews

White Background



This preview shows how the Yxy color 40.6390, 0.4389, 0.3567 looks on a white background.

Color Contrast Check

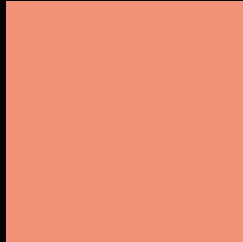
Large Text (above 18pt) WCAG AA × Fail

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 40.6390, 0.4389, 0.3567 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 40.6390, 0.4389, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 40.6390, 0.4389, 0.3567.



This preview shows how white text looks on a background with the Yxy color 40.6390, 0.4389, 0.3567.

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

40.6390, 0.4389, 0.3567

Protanopia

40.8590, 0.3582, 0.3825

Deuteranopia

40.8381, 0.3959, 0.3875



Tritanopia

40.6677, 0.4094, 0.3183

Trichromacy



Original Color

40.6390, 0.4389, 0.3567

Protanomaly

40.2365, 0.3865, 0.3728

Deuteranomaly

40.3513, 0.4119, 0.3752

Tritanomaly

40.4453, 0.4201, 0.3315

Monochromacy



Original Color

40.6390, 0.4389, 0.3567

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3646, 0.3550, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6390, 0.4389, 0.3567 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(241, 146, 121)` looks like.

```
.text, #text, p{  
    color:rgb(241, 146, 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(241, 146, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 146, 121) }
```

Border

The CSS property to change the border of an element to Yxy 40.6390, 0.4389, 0.3567 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(241, 146, 121) }
```

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

```
.border{ border-color:rgb(241, 146, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 146, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 146, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 146, 121);  
box-shadow:4px 4px 4px 4px rgb(241, 146,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6390, 0.4389, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 146, 121) }
```

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

```
.background{ background-color: rgb(241,  
146, 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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