

Converting Colors

Yxy(39.8326, 0.4098, 0.3537)

Have a look what the booklet for
Yxy(39.8326, 0.4098, 0.3537)
contains.

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Color

Yxy(39.7795, 0.4100, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	E19783
RGB	225, 151, 131
RGB Percent	88%, 59%, 51%
CMY	0.1177, 0.4078, 0.4861
CMYK	0.00, 0.33, 0.42, 0.12
HSL	13°, 61%, 70%
HSV	13°, 42%, 88%
XYZ	46.2159, 39.7795, 26.7263
YIQ	170.8460, 50.5240, 9.4680

Conversions

Conversions Part 2

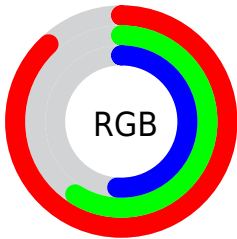
Format	Color
R _Y B	225, 156, 131
Decimal	14784387
CIE Lab	69.31, 25.45, 21.87
CIE LCh	69, 33.554, 40.666
Yxy	39.7795, 0.4100, 0.3529
Android (android.graphics.Color)	4292974467 (0xFFE19783)
YUV	170.8460, -19.6441, 47.4931
Hunter-Lab	63.0710, 20.4235, 19.0256

Details

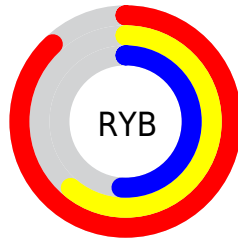
The Yxy color **39.7795, 0.4100, 0.3529** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.9391, 0.2516, 0.3030**, and the grayscale version is **40.7270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8633, 0.3678, 0.3519**, and **17.7333, 0.4406, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **33.9550, 0.4451, 0.3580**, and if you desaturate by 10%, it is **46.5974, 0.3797, 0.3471**.

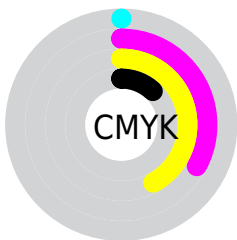
Distribution



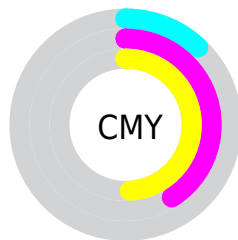
- Red (88%)
- Green (59%)
- Blue (51%)



- Red (88%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (33%)
- Yellow (42%)
- Black (12%)




- Cyan (12%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7795, 0.4100, 0.3529 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 39.7795, 0.4100, 0.3529 by changing the saturation by 10% instead.


 39.7795, 0.4100,
0.3529


 39.7795, 0.4100,
0.3529


345.1933, 0.3596,
0.3426


 27.3667, 0.4230,
0.3548


 74.8276, 0.3914,
0.3496

 17.8488, 0.4398,
0.3569


 98.2317, 0.3845,
0.3482

 10.8415, 0.4623,
0.3588


 126.0683, 0.3787,
0.3470

 5.9603, 0.4939,
0.3598

158.7219, 0.3737,
0.3459

 2.8210, 0.5408,
0.3578

196.5768, 0.3695,
0.3449

 1.0390, 0.6407,
0.3593

240.0174, 0.3658,


 0.0000, 1.0000,


0.3441


0.0000

289.4281, 0.3625,
0.3433


 0.0000, 0.0000,
0.0000


 39.7795, 0.4100,
0.3529

 39.7795, 0.4100,
0.3529


 33.9550, 0.4451,
0.3580


 46.5974, 0.3797,
0.3471

 29.0713, 0.4844,
0.3617

 54.4464, 0.3543,
0.3411


 25.0797, 0.5255,
0.3629

 63.3695, 0.3330,
0.3353

 21.9245, 0.5648,
0.3607

 73.4054, 0.3155,
0.3299

 19.5434, 0.5974,
0.3548

 84.5909, 0.3009,
0.3249

 18.1066, 0.6172,
0.3481

 94.7472, 0.2946,
0.3289

Harmonies

Analogous

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



39.7795, 0.3859, 0.3138



39.7795, 0.4100, 0.3529



39.7795, 0.4051, 0.3898

Triad

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



39.7795, 0.4100, 0.3529



39.7795, 0.2806, 0.3867



39.7795, 0.2500, 0.2502

Complementary

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



39.7795, 0.4100, 0.3529



53.9391, 0.2516, 0.3030

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.



39.7795, 0.2269, 0.2617



39.7795, 0.4100, 0.3529



39.7795, 0.2431, 0.3390

Square

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



39.7795, 0.4100, 0.3529



39.7795, 0.3286, 0.4155



39.7795, 0.2243, 0.2927



39.7795, 0.2907, 0.2572

Rectangle

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



39.7795, 0.4100, 0.3529



39.7795, 0.3870, 0.4085



39.7795, 0.2243, 0.2927



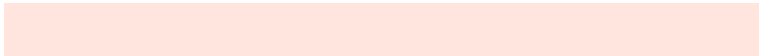
39.7795, 0.2402, 0.2519

Sweetspot

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



39.7814, 0.4100, 0.3529



82.5069, 0.3356, 0.3361



36.7148, 0.3356, 0.2448



17.0784, 0.3401, 0.3374



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.



39.7814, 0.4100, 0.3529



46.1149, 0.4399, 0.3574



57.4922, 0.3872, 0.4042



14.1703, 0.3287, 0.3341



10.5723, 0.6148, 0.3501



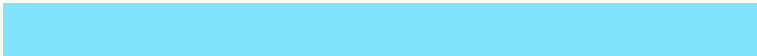
0.8629, 0.5852, 0.3735

Inverse Universe

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



53.9391, 0.2516, 0.3030



67.2027, 0.2410, 0.2967



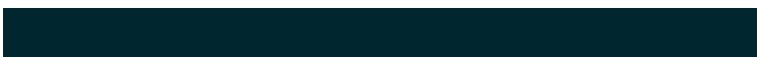
35.1368, 0.2413, 0.2396



15.0519, 0.2982, 0.3239



21.4686, 0.2054, 0.2594



1.6131, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 39.7795, 0.4100, 0.3529 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 39.7795, 0.4100, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

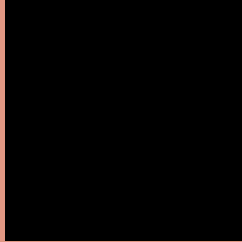
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7795, 0.4100, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 39.7795, 0.4100, 0.3529.



This preview shows how white text looks on a background with the Yxy color 39.7795, 0.4100, 0.3529.

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

39.7795, 0.4100, 0.3529

Protanopia

39.8531, 0.3477, 0.3694

Deuteranopia

40.0587, 0.3810, 0.3734



Tritanopia

39.6670, 0.3850, 0.3163

Trichromacy



Original Color

39.7795, 0.4100, 0.3529

Protanomaly

39.3826, 0.3697, 0.3622

Deuteranomaly

39.9633, 0.3910, 0.3657

Tritanomaly

39.4867, 0.3944, 0.3292

Monochromacy



Original Color

39.7795, 0.4100, 0.3529

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0276, 0.3460, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7795, 0.4100, 0.3529 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(225, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 151, 131)  
}
```

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(225, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 151, 131) }
```

Border

The CSS property to change the border of an element to Yxy 39.7795, 0.4100, 0.3529 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(225, 151, 131) }
```

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

```
.border{ border-color:rgb(225, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 151, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 151, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 151,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7795, 0.4100, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 151, 131) }
```

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

```
.background{ background-color: rgb(225,  
151, 131) }
```

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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