

Converting Colors

$Yxy(79.6491, 0.3714, 0.3880)$

Have a look what the booklet for
Yxy(79.6491, 0.3714, 0.3880)
contains.

Yxy(79.6491, 0.3714, 0.3880)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.6491, 0.3714, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4AA
RGB	255, 228, 170
RGB Percent	100%, 89%, 67%
CMY	0.0000, 0.1059, 0.3333
CMYK	0.00, 0.11, 0.33, 0.00
HSL	41°, 100%, 83%
HSV	41°, 33%, 100%
XYZ	76.2414, 79.6491, 49.3907
YIQ	229.4610, 34.7100, -12.3140

Conversions

Conversions Part 2

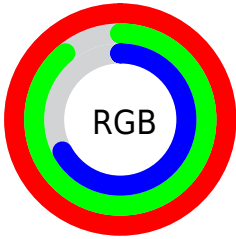
Format	Color
R _Y B	210, 255, 170
Decimal	16770218
CIE Lab	91.53, 1.09, 31.72
CIE LCh	92, 31.740, 88.025
Yxy	79.6491, 0.3714, 0.3880
Android (android.graphics.Color)	4294960298 (0xFFFFE4AA)
YUV	229.4610, -29.3143, 22.3977
Hunter-Lab	89.2463, -3.6920, 29.6602

Details

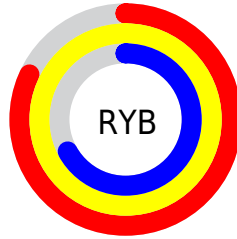
The Yxy color **79.6491, 0.3714, 0.3880** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7037, 0.2566, 0.2618**, and the grayscale version is **78.9149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **43.0418, 0.3842, 0.4015** is the 20% darker color. If you saturate the color by 10%, you get **74.4252, 0.3918, 0.4056**, and if you desaturate by 10%, it is **85.2741, 0.3521, 0.3699**.

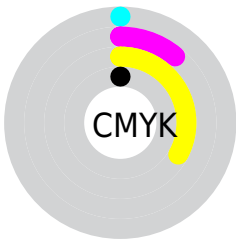
Distribution



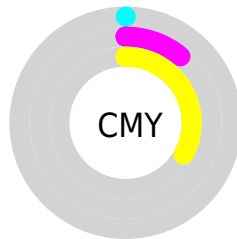
- Red (100%)
- Green (89%)
- Blue (67%)



- Red (82%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6491, 0.3714, 0.3880 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 79.6491, 0.3714, 0.3880 by changing the saturation by 10% instead.


 79.6491, 0.3714,
0.3880

 79.6491, 0.3714,
0.3880


493.7495, 0.3449,
0.3615

 59.4296, 0.3772,
0.3938

 132.8723, 0.3624,
0.3790

 42.9591, 0.3842,
0.4008


166.6448, 0.3588,
0.3755

 29.8530, 0.3929,
0.4094


205.7037, 0.3558,
0.3724

 19.7270, 0.4038,
0.4201

250.4336, 0.3530,
0.3697

 12.1968, 0.4177,
0.4337

301.2187, 0.3507,
0.3673

 6.8778, 0.4357,
0.4512

358.4434, 0.3485,

 3.3858, 0.4660,

0.3651

0.4805

422.4922, 0.3466,
0.3632

■ 1.3363, 0.4942,
0.5058

■ 0.1691, 0.5257,
0.4743

■ 79.6491, 0.3714,
0.3880

■ 79.6491, 0.3714,
0.3880

■ 74.4252, 0.3918,
0.4056

■ 85.2741, 0.3521,
0.3699

■ 69.5811, 0.4127,
0.4218

■ 91.3052, 0.3341,
0.3519

■ 65.1045, 0.4332,
0.4355

■ 97.7571, 0.3178,
0.3346

■ 60.9789, 0.4524,
0.4455

100.0000, 0.3127,
0.3290

■ 57.1856, 0.4693,
0.4507

■ 53.7028, 0.4831,
0.4509

■ 51.5321, 0.4907,
0.4486

Harmonies

Analogous

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



79.6491, 0.3863, 0.3653



79.6491, 0.3714, 0.3880



79.6491, 0.3409, 0.3956

Triad

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



79.6491, 0.3714, 0.3880



79.6491, 0.2493, 0.3163



79.6491, 0.3182, 0.2826

Complementary

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



79.6491, 0.3714, 0.3880



55.7037, 0.2566, 0.2618

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.



79.6491, 0.2820, 0.2698



79.6491, 0.3714, 0.3880



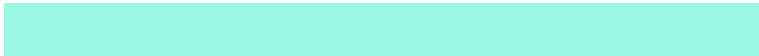
79.6491, 0.2440, 0.2868

Square

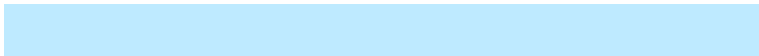
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6491, 0.3714, 0.3880



79.6491, 0.2707, 0.3524



79.6491, 0.2556, 0.2708



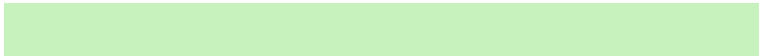
79.6491, 0.3548, 0.3060

Rectangle

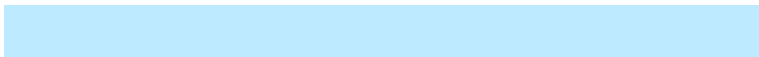
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6491, 0.3714, 0.3880



79.6491, 0.3164, 0.3893



79.6491, 0.2556, 0.2708



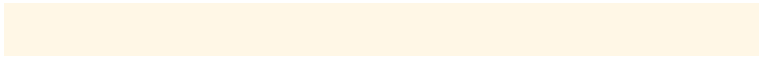
79.6491, 0.3055, 0.2770

Sweetspot

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



79.6517, 0.3714, 0.3880



93.4055, 0.3285, 0.3460



54.1070, 0.3647, 0.2997



19.8016, 0.3309, 0.3485



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

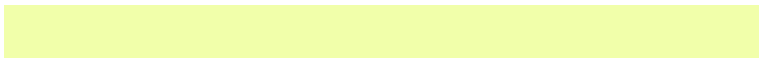
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6517, 0.3714, 0.3880



76.1217, 0.3849, 0.3999



93.0945, 0.3535, 0.4153



20.0604, 0.3277, 0.3452



27.2074, 0.4892, 0.4497



2.8460, 0.4793, 0.4577

Inverse Universe

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



55.7037, 0.2566, 0.2618



48.8578, 0.2444, 0.2456



46.1862, 0.2622, 0.2319



18.3194, 0.2979, 0.3123



7.0835, 0.1621, 0.1036



0.8765, 0.1683, 0.1258

Previews

White Background



This preview shows how the Yxy color 79.6491, 0.3714, 0.3880 looks on a white background.

Color Contrast Check

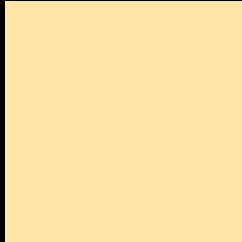
Large Text (above 18pt) WCAG AA × Fail

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 79.6491, 0.3714, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

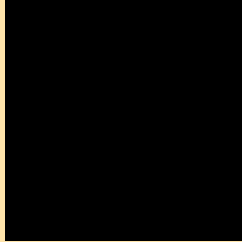
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6491, 0.3714, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 79.6491, 0.3714, 0.3880.



This preview shows how white text looks on a background with the Yxy color 79.6491, 0.3714, 0.3880.

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

79.6491, 0.3714, 0.3880

Protanopia

80.0486, 0.3646, 0.3910

Deuteranopia

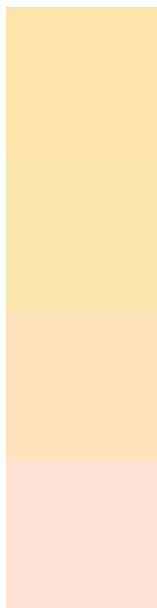
79.8228, 0.3512, 0.3554



Tritanopia

79.5007, 0.3275, 0.3162

Trichromacy



Original Color

79.6491, 0.3714, 0.3880

Protanomaly

80.0431, 0.3671, 0.3895

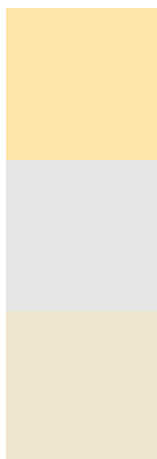
Deuteranomaly

79.8723, 0.3586, 0.3677

Tritanomaly

79.2745, 0.3438, 0.3422

Monochromacy



Original Color

79.6491, 0.3714, 0.3880

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.7698, 0.3328, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6491, 0.3714, 0.3880 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, 228, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 170)  
}
```

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, 228, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 170) }
```

Border

The CSS property to change the border of an element to Yxy 79.6491, 0.3714, 0.3880 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, 228, 170) }
```

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

```
.border{ border-color:rgb(255, 228, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6491, 0.3714, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 170) }
```

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

```
.background{ background-color: rgb(255,  
228, 170) }
```

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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