

Converting Colors

$Y_{xy}(79.5216, 0.3505, 0.3641)$

Have a look what the booklet for
Yxy(79.5216, 0.3505, 0.3641)
contains.

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Color

Yxy(79.5216, 0.3505, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	F9E4C2
RGB	249, 228, 194
RGB Percent	98%, 89%, 76%
CMY	0.0234, 0.1059, 0.2393
CMYK	0.00, 0.08, 0.22, 0.02
HSL	37°, 82%, 87%
HSV	37°, 22%, 98%
XYZ	76.5513, 79.5216, 62.3331
YIQ	230.4030, 23.4300, -6.1220

Conversions

Conversions Part 2

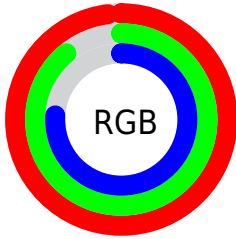
Format	Color
R_{YB}	228, 249, 194
Decimal	16377026
CIE _{Lab}	91.47, 1.97, 19.23
CIE _{LCh}	91, 19.327, 84.150
Yxy	79.5216, 0.3505, 0.3641
Android (android.graphics.Color)	4294567106 (0xFFFF9E4C2)
YUV	230.4030, -17.9467, 16.3096
Hunter-Lab	89.1749, -2.8245, 20.9788

Details

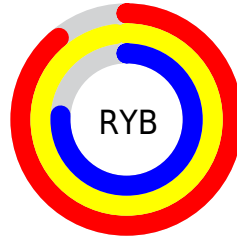
The Yxy color **79.5216, 0.3505, 0.3641** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.9025, 0.2770, 0.2912**, and the grayscale version is **79.5697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **42.9871, 0.3591, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **73.4096, 0.3705, 0.3807**, and if you desaturate by 10%, it is **86.1161, 0.3323, 0.3478**.

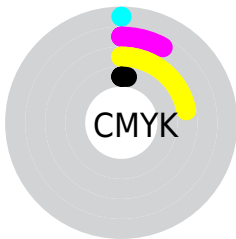
Distribution



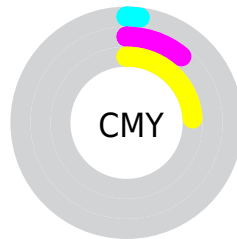
- Red (98%)
- Green (89%)
- Blue (76%)



- Red (89%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5216, 0.3505, 0.3641 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 79.5216, 0.3505, 0.3641 by changing the saturation by 10% instead.

 79.5216, 0.3505,
0.3641

 79.5216, 0.3505,
0.3641

493.3191, 0.3333,
0.3482

 59.3248, 0.3544,
0.3676


 132.6929, 0.3446,
0.3587

 42.8746, 0.3591,
0.3719


166.4362, 0.3423,
0.3565

 29.7867, 0.3650,
0.3773


205.4637, 0.3403,
0.3547

 19.6768, 0.3726,
0.3841

250.1599, 0.3385,
0.3531

 12.1603, 0.3827,
0.3932

300.9091, 0.3370,
0.3516

 6.8530, 0.3967,
0.4055

358.0958, 0.3356,

 3.3703, 0.4171,

0.3504

0.4232

422.1044, 0.3344,
0.3492

■ 1.3280, 0.4925,
0.4932

■ 0.1627, 0.5548,
0.4452

■ 79.5216, 0.3505,
0.3641

■ 79.5216, 0.3505,
0.3641

■ 73.4096, 0.3705,
0.3807

■ 86.1161, 0.3323,
0.3478

■ 67.7553, 0.3921,
0.3970

■ 93.1954, 0.3159,
0.3322

■ 62.5476, 0.4147,
0.4121

■ 98.8843, 0.3090,
0.3290

■ 57.7704, 0.4377,
0.4249

■ 53.4063, 0.4599,
0.4341

■ 49.4358, 0.4802,
0.4388

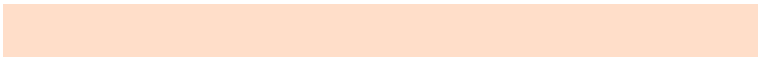
■ 45.8363, 0.4973,
0.4382

■ 43.2336, 0.5086,
0.4344

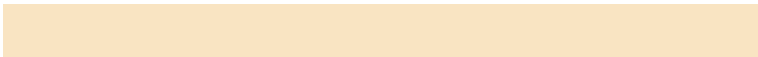
Harmonies

Analogous

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



79.5216, 0.3576, 0.3500



79.5216, 0.3505, 0.3641



79.5216, 0.3332, 0.3691

Triad

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



79.5216, 0.3505, 0.3641



79.5216, 0.2747, 0.3246



79.5216, 0.3134, 0.2984

Complementary

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



79.5216, 0.3505, 0.3641



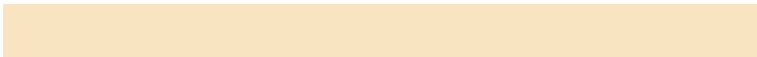
66.9025, 0.2770, 0.2912

Split Complementary

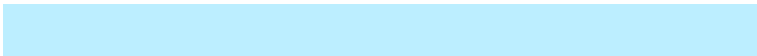
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.5216, 0.2915, 0.2915



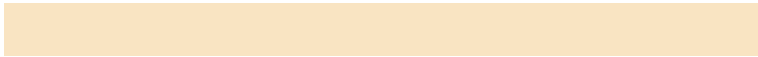
79.5216, 0.3505, 0.3641



79.5216, 0.2698, 0.3057

Square

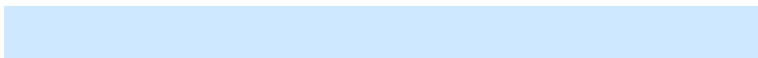
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5216, 0.3505, 0.3641



79.5216, 0.2895, 0.3458



79.5216, 0.2758, 0.2939



79.5216, 0.3358, 0.3127

Rectangle

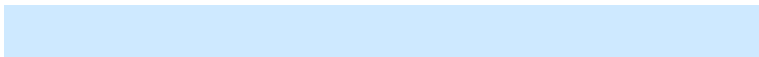
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5216, 0.3505, 0.3641



79.5216, 0.3184, 0.3660



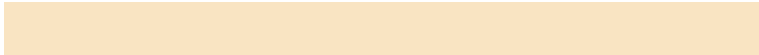
79.5216, 0.2758, 0.2939



79.5216, 0.3057, 0.2952

Sweetspot

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



79.5252, 0.3505, 0.3641



94.6311, 0.3237, 0.3397



63.6233, 0.3410, 0.3071



20.1585, 0.3247, 0.3407



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.



79.5252, 0.3505, 0.3641



80.6894, 0.3601, 0.3723



90.6442, 0.3418, 0.3851



19.0122, 0.3278, 0.3436



23.4203, 0.5068, 0.4358



2.3739, 0.4935, 0.4464

Inverse Universe

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



66.9025, 0.2770, 0.2912



64.9855, 0.2685, 0.2815



57.7433, 0.2797, 0.2677



17.7294, 0.2979, 0.3139



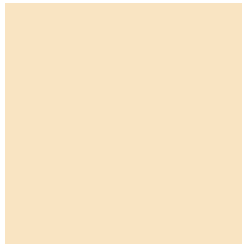
8.3031, 0.1669, 0.1208



0.9667, 0.1734, 0.1443

Previews

White Background



This preview shows how the Yxy color 79.5216, 0.3505, 0.3641 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 79.5216, 0.3505, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

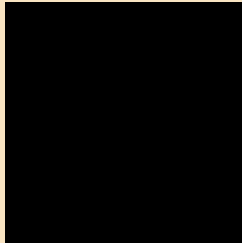
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.5216, 0.3505, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 79.5216, 0.3505, 0.3641.

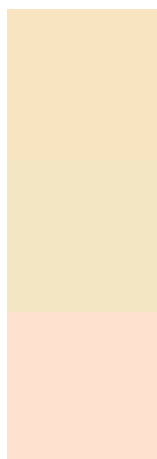


This preview shows how white text looks on a background with the Yxy color 79.5216, 0.3505, 0.3641.

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

79.5216, 0.3505, 0.3641

Protanopia

79.5884, 0.3450, 0.3655

Deuteranopia

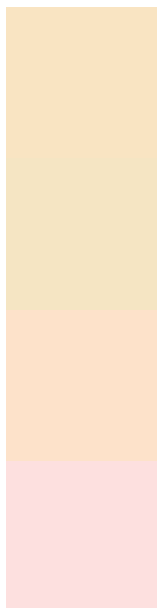
79.6154, 0.3465, 0.3473



Tritanopia

79.7345, 0.3248, 0.3122

Trichromacy



Original Color

79.5216, 0.3505, 0.3641

Protanomaly

79.3912, 0.3466, 0.3644

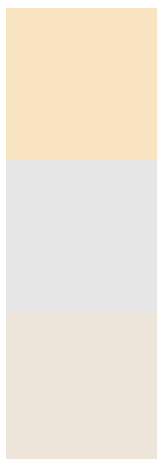
Deuteranomaly

79.5396, 0.3483, 0.3535

Tritanomaly

79.5217, 0.3341, 0.3301

Monochromacy



Original Color

79.5216, 0.3505, 0.3641

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0529, 0.3261, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5216, 0.3505, 0.3641 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(249, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 228, 194)  
}
```

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(249, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 228, 194) }
```

Border

The CSS property to change the border of an element to Yxy 79.5216, 0.3505, 0.3641 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(249, 228, 194) }
```

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

```
.border{ border-color:rgb(249, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 228,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5216, 0.3505, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 228, 194) }
```

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

```
.background{ background-color: rgb(249,  
228, 194) }
```

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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