

Converting Colors

$Y_{xy}(79.1890, 0.3309, 0.3416)$

Have a look what the booklet for
Yxy(79.1890, 0.3309, 0.3416)
contains.

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Color

Yxy(79.3219, 0.3304, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4D8
RGB	242, 228, 216
RGB Percent	95%, 89%, 85%
CMY	0.0511, 0.1058, 0.1531
CMYK	0.00, 0.06, 0.11, 0.05
HSL	28°, 50%, 90%
HSV	28°, 11%, 95%
XYZ	76.7436, 79.3219, 76.2094
YIQ	230.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

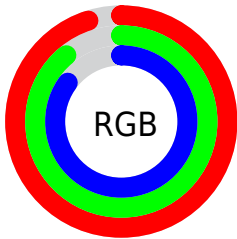
Format	Color
R _Y B	242, 238, 216
Decimal	15918296
CIE Lab	91.38, 2.75, 7.56
CIE LCh	91, 8.047, 70.037
Yxy	79.3219, 0.3304, 0.3415
Android (android.graphics.Color)	4294108376 (0xFFFF2E4D8)
YUV	230.8180, -7.3053, 9.8066
Hunter-Lab	89.0628, -2.0501, 11.6106

Details

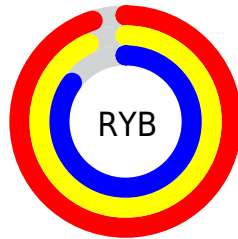
The Yxy color **79.3219, 0.3304, 0.3415** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **77.5490, 0.2960, 0.3162**, and the grayscale version is **79.8150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8995, 0.3348, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **71.2883, 0.3494, 0.3538**, and if you desaturate by 10%, it is **88.0829, 0.3139, 0.3298**.

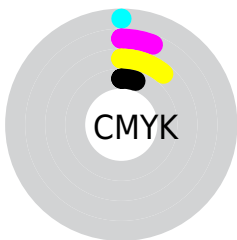
Distribution



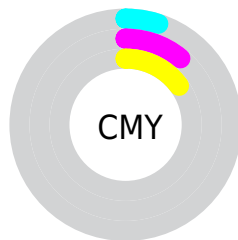
- Red (95%)
- Green (89%)
- Blue (85%)



- Red (95%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3219, 0.3304, 0.3415 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 79.3219, 0.3304, 0.3415 by changing the saturation by 10% instead.

 79.3219, 0.3304,
0.3415

 79.3219, 0.3304,
0.3415


492.6446, 0.3223,
0.3358

 59.1605, 0.3322,
0.3428


132.4119, 0.3276,
0.3396

 42.7423, 0.3345,
0.3443


166.1094, 0.3265,
0.3388

 29.6830, 0.3373,
0.3462


205.0876, 0.3256,
0.3381

 19.5981, 0.3410,
0.3487

249.7310, 0.3248,
0.3376

 12.1032, 0.3459,
0.3521

300.4241, 0.3240,
0.3371

 6.8140, 0.3530,
0.3568

357.5511, 0.3234,

 3.3461, 0.3638,

0.3366

0.3638

421.4965, 0.3228,
0.3362

■ 1.3150, 0.3829,
0.3760

■ 0.1527, 0.5815,
0.4185

■ 79.3219, 0.3304,
0.3415

■ 79.3219, 0.3304,
0.3415

■ 71.2883, 0.3494,
0.3538

■ 88.0829, 0.3139,
0.3298

■ 63.9520, 0.3712,
0.3665

■ 96.9621, 0.3047,
0.3280

■ 57.2958, 0.3957,
0.3791

■ 97.6112, 0.3047,
0.3290

■ 51.2977, 0.4227,
0.3908

■ 45.9345, 0.4516,
0.4005

■ 41.1812, 0.4811,
0.4071

■ 37.0104, 0.5094,
0.4092

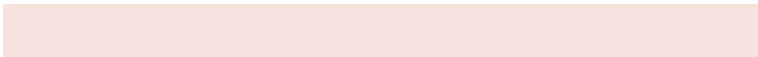
■ 33.3915, 0.5346,
0.4058

■ 30.4965, 0.5540,
0.3983

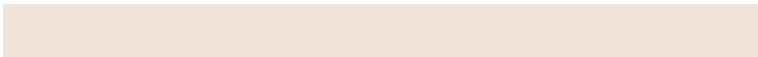
Harmonies

Analogous

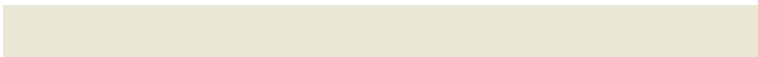
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3219, 0.3309, 0.3346



79.3219, 0.3304, 0.3415



79.3219, 0.3251, 0.3452

Triad

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



79.3219, 0.3304, 0.3415



79.3219, 0.2992, 0.3315



79.3219, 0.3087, 0.3141

Complementary

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



79.3219, 0.3304, 0.3415



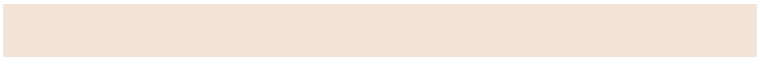
77.5490, 0.2960, 0.3162

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.



79.3219, 0.3003, 0.3131



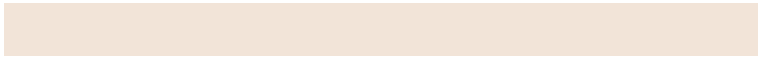
79.3219, 0.3304, 0.3415



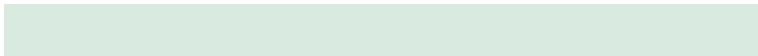
79.3219, 0.2949, 0.3230

Square

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



79.3219, 0.3304, 0.3415



79.3219, 0.3071, 0.3395



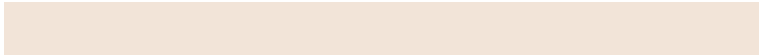
79.3219, 0.2953, 0.3163



79.3219, 0.3182, 0.3189

Rectangle

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



79.3219, 0.3304, 0.3415



79.3219, 0.3197, 0.3453



79.3219, 0.2953, 0.3163



79.3219, 0.3056, 0.3133

Sweetspot

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



79.3254, 0.3304, 0.3415



96.9266, 0.3174, 0.3324



73.6952, 0.3219, 0.3143



20.5732, 0.3187, 0.3333



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.



79.3254, 0.3304, 0.3415



87.2201, 0.3345, 0.3443



86.5404, 0.3289, 0.3542



16.9666, 0.3282, 0.3400



16.6555, 0.5513, 0.4005



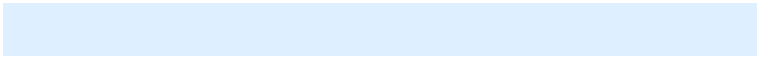
1.5827, 0.5295, 0.4178

Inverse Universe

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



77.5490, 0.2960, 0.3162



84.8301, 0.2924, 0.3132



70.7674, 0.2958, 0.3025



16.6332, 0.2980, 0.3178



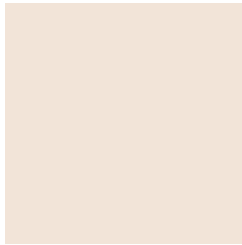
12.2711, 0.1806, 0.1702



1.2198, 0.1869, 0.1927

Previews

White Background



This preview shows how the Yxy color 79.3219, 0.3304, 0.3415 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 79.3219, 0.3304, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

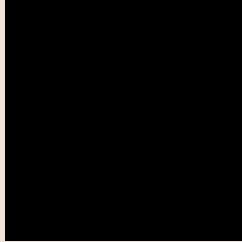
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

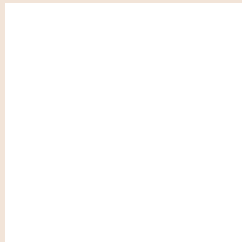
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3219, 0.3304, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 79.3219, 0.3304, 0.3415.

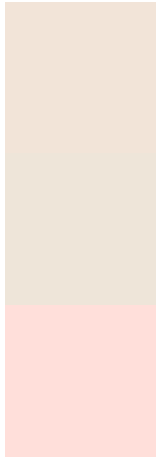


This preview shows how white text looks on a background with the Yxy color 79.3219, 0.3304, 0.3415.

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

79.3219, 0.3304, 0.3415

Protanopia

79.2255, 0.3268, 0.3415

Deuteranopia

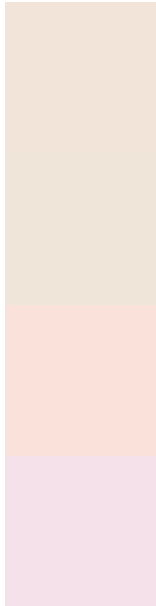
79.0973, 0.3391, 0.3341



Tritanopia

79.3149, 0.3163, 0.3110

Trichromacy



Original Color

79.3219, 0.3304, 0.3415

Protanomaly

79.3991, 0.3275, 0.3415

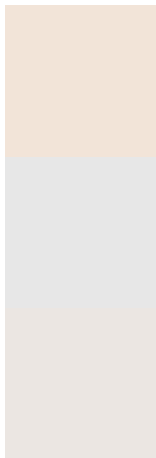
Deuteranomaly

79.1842, 0.3359, 0.3372

Tritanomaly

79.1461, 0.3215, 0.3209

Monochromacy



Original Color

79.3219, 0.3304, 0.3415

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7468, 0.3187, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3219, 0.3304, 0.3415 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, 228, 216)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 216)  
}
```

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, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 216) }
```

Border

The CSS property to change the border of an element to Yxy 79.3219, 0.3304, 0.3415 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, 228, 216) }
```

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

```
.border{ border-color:rgb(242, 228, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3219, 0.3304, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 216) }
```

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

```
.background{ background-color: rgb(242,  
228, 216) }
```

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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