

Converting Colors

$Y_{xy}(95.1604, 0.3176, 0.3327)$

Have a look what the booklet for
Yxy(95.1604, 0.3176, 0.3327)
contains.

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Color

Yxy(95.2266, 0.3176, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9F5
RGB	253, 249, 245
RGB Percent	99%, 98%, 96%
CMY	0.0080, 0.0234, 0.0392
CMYK	0.00, 0.02, 0.03, 0.01
HSL	30°, 66%, 98%
HSV	30°, 3%, 99%
XYZ	90.8500, 95.2266, 99.9751
YIQ	249.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

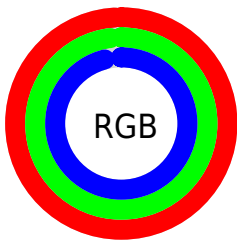
Format	Color
R _{YB}	253, 253, 245
Decimal	16644597
CIE Lab	98.12, 0.62, 2.38
CIE LCh	98, 2.454, 75.483
Yxy	95.2266, 0.3176, 0.3329
Android (android.graphics.Color)	4294834677 (0xFFFD9F5)
YUV	249.7400, -2.3368, 2.8590
Hunter-Lab	97.5841, -4.5902, 7.5662

Details

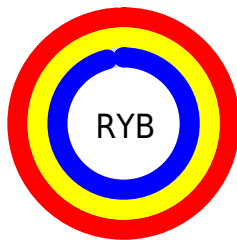
The Yxy color 95.2266, 0.3176, 0.3329 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.2037, 0.3079, 0.3251, and the grayscale version is 95.3867, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.5498, 0.3182, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 86.3244, 0.3346, 0.3458, and if you desaturate by 10%, it is 99.6128, 0.3114, 0.3290.

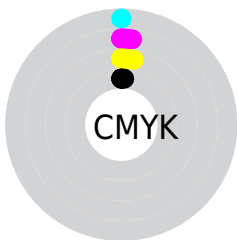
Distribution



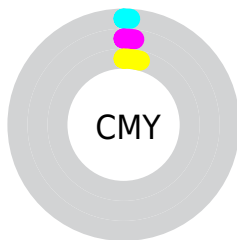
- Red (99%)
- Green (98%)
- Blue (96%)



- Red (99%)
- Yellow (99%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (1%)




- Cyan (1%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2266, 0.3176, 0.3329 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 95.2266, 0.3176, 0.3329 by changing the saturation by 10% instead.


 95.2266, 0.3176,
0.3329

 95.2266, 0.3176,
0.3329

544.8902, 0.3154,
0.3312

 72.3236, 0.3181,
0.3333


154.5776, 0.3169,
0.3323

 53.4231, 0.3186,
0.3337


191.7944, 0.3166,
0.3321

 38.1406, 0.3193,
0.3343


234.5513, 0.3163,
0.3319

 26.0918, 0.3202,
0.3350

283.2326, 0.3161,
0.3317

 16.8924, 0.3214,
0.3359

338.2227, 0.3159,
0.3316

 10.1578, 0.3230,
0.3372

399.9061, 0.3157,

 5.5037, 0.3254,

0.3314

0.3390

468.6671, 0.3156,
0.3313

■ 2.5457, 0.3291,
0.3419

■ 0.8995, 0.3369,
0.3482

■ 95.2266, 0.3176,
0.3329

■ 95.2266, 0.3176,
0.3329

■ 86.3244, 0.3346,
0.3458

99.6128, 0.3114,
0.3290

■ 78.1239, 0.3540,
0.3594

■ 70.6100, 0.3758,
0.3732

■ 63.7623, 0.4000,
0.3868

■ 57.5595, 0.4263,
0.3991

■ 51.9785, 0.4537,
0.4092

■ 46.9944, 0.4811,
0.4157

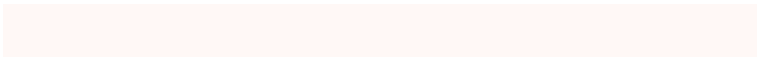
■ 42.5799, 0.5067,
0.4174

■ 38.7037, 0.5287,
0.4135

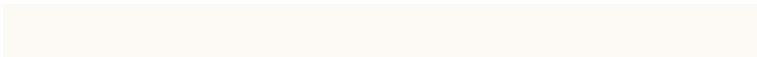
Harmonies

Analogous

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



95.2266, 0.3180, 0.3311



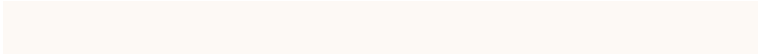
95.2266, 0.3176, 0.3329



95.2266, 0.3159, 0.3337

Triad

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



95.2266, 0.3176, 0.3329



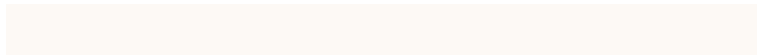
95.2266, 0.3085, 0.3293



95.2266, 0.3121, 0.3249

Complementary

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



95.2266, 0.3176, 0.3329



94.2037, 0.3079, 0.3251

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.



95.2266, 0.3095, 0.3244



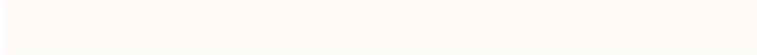
95.2266, 0.3176, 0.3329



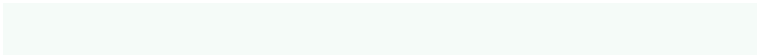
95.2266, 0.3075, 0.3269

Square

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



95.2266, 0.3176, 0.3329



95.2266, 0.3107, 0.3316



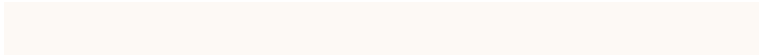
95.2266, 0.3079, 0.3251



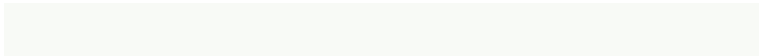
95.2266, 0.3148, 0.3264

Rectangle

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



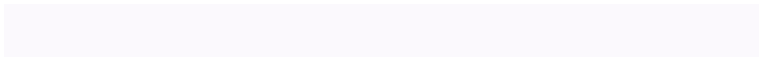
95.2266, 0.3176, 0.3329



95.2266, 0.3143, 0.3335



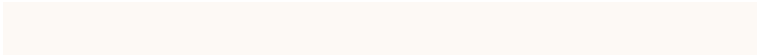
95.2266, 0.3079, 0.3251



95.2266, 0.3112, 0.3246

Sweetspot

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



95.2307, 0.3176, 0.3329



99.0363, 0.3142, 0.3302



93.0139, 0.3155, 0.3252



21.2080, 0.3142, 0.3302



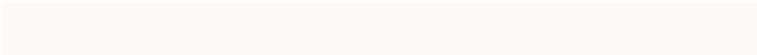
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



95.2307, 0.3176, 0.3329



96.1896, 0.3190, 0.3340



97.6826, 0.3174, 0.3367



20.4380, 0.3202, 0.3349



19.6283, 0.5392, 0.4101



2.1298, 0.5218, 0.4238

Inverse Universe

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



94.2037, 0.3079, 0.3251



94.8654, 0.3066, 0.3240



91.8038, 0.3080, 0.3212



20.1030, 0.3054, 0.3230



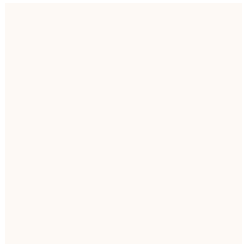
11.8514, 0.1765, 0.1553



1.3721, 0.1822, 0.1760

Previews

White Background



This preview shows how the Yxy color 95.2266, 0.3176, 0.3329 looks on a white background.

Color Contrast Check

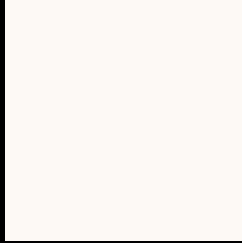
Large Text (above 18pt) WCAG AA × Fail

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 95.2266, 0.3176, 0.3329 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 95.2266, 0.3176, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 95.2266, 0.3176, 0.3329.



This preview shows how white text looks on a background with the Yxy color 95.2266, 0.3176, 0.3329.

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

95.2266, 0.3176, 0.3329

Protanopia

94.9874, 0.3190, 0.3319

Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.0503, 0.3111, 0.3223

Trichromacy



Original Color

95.2266, 0.3176, 0.3329

Protanomaly

94.7982, 0.3183, 0.3319

Deuteranomaly

94.9829, 0.3165, 0.3290

Tritanomaly

94.7953, 0.3135, 0.3261

Monochromacy



Original Color

95.2266, 0.3176, 0.3329

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.6578, 0.3145, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2266, 0.3176, 0.3329 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 $rgb(253, 249, 245)$ looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 245)  
}
```

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(253, 249, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 245) }
```

Border

The CSS property to change the border of an element to Yxy 95.2266, 0.3176, 0.3329 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(253, 249, 245) }
```

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

```
.border{ border-color:rgb(253, 249, 245) }
```

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

Here you see how a box with a 4 pixel rgb(253, 249, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2266, 0.3176, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 245) }
```

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

```
.background{ background-color: rgb(253,  
249, 245) }
```

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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