

Converting Colors

$Y_{xy}(92.1737, 0.3253, 0.3381)$

Have a look what the booklet for
Yxy(92.1737, 0.3253, 0.3381)
contains.

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Color

Yxy(91.9595, 0.3254, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4EB
RGB	255, 244, 235
RGB Percent	100%, 96%, 92%
CMY	0.0000, 0.0431, 0.0784
CMYK	0.00, 0.04, 0.08, 0.00
HSL	27°, 100%, 96%
HSV	27°, 8%, 100%
XYZ	88.5838, 91.9595, 91.6873
YIQ	246.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

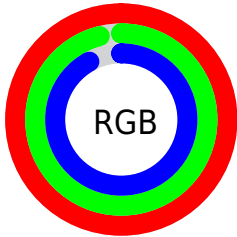
Format	Color
R _Y B	255, 251, 235
Decimal	16774379
CIE Lab	96.80, 2.18, 5.63
CIE LCh	97, 6.033, 68.851
Yxy	91.9595, 0.3254, 0.3378
Android (android.graphics.Color)	4294964459 (0xFFFFF4EB)
YUV	246.2630, -5.5527, 7.6623
Hunter-Lab	95.8955, -2.9271, 10.4387

Details

The Yxy color 91.9595, 0.3254, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.7907, 0.3006, 0.3200, and the grayscale version is 92.4249, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2269, 0.3282, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 82.4768, 0.3438, 0.3497, and if you desaturate by 10%, it is 99.9977, 0.3127, 0.3290.

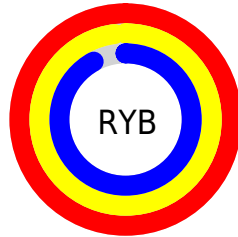
Distribution



Red (100%)

Green (96%)

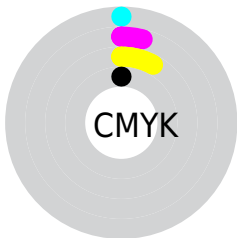
Blue (92%)



Red (100%)

Yellow (98%)

Blue (92%)

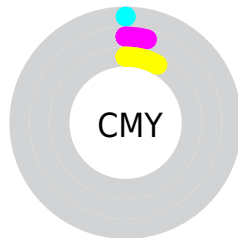


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9595, 0.3254, 0.3378 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 91.9595, 0.3254, 0.3378 by changing the saturation by 10% instead.


 91.9595, 0.3254,
0.3378

 91.9595, 0.3254,
0.3378

534.3846, 0.3198,
0.3339

 69.6070, 0.3266,
0.3386


150.0573, 0.3235,
0.3365

 51.2062, 0.3281,
0.3397


186.5713, 0.3227,
0.3360

 36.3727, 0.3300,
0.3409


228.5746, 0.3221,
0.3355

 24.7222, 0.3324,
0.3426

276.4517, 0.3215,
0.3351

 15.8702, 0.3356,
0.3447

330.5868, 0.3210,
0.3348

 9.4324, 0.3399,
0.3476

391.3644, 0.3205,

 5.0243, 0.3463,

0.3345

0.3518

459.1689, 0.3201,
0.3342

■ 2.2615, 0.3566,
0.3584

■ 0.7532, 0.3946,
0.3865

■ 91.9595, 0.3254,
0.3378

■ 91.9595, 0.3254,
0.3378

■ 82.4768, 0.3438,
0.3497

99.9977, 0.3127,
0.3290

■ 73.8197, 0.3650,
0.3620

■ 65.9679, 0.3891,
0.3743

■ 58.8957, 0.4159,
0.3861

■ 52.5761, 0.4449,
0.3962

■ 46.9800, 0.4751,
0.4035

■ 42.0757, 0.5047,
0.4066

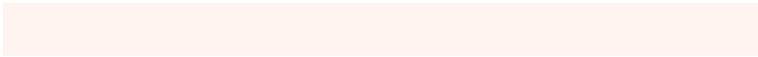
■ 37.8284, 0.5316,
0.4045

■ 34.1962, 0.5539,
0.3969

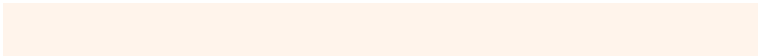
Harmonies

Analogous

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



91.9595, 0.3256, 0.3328



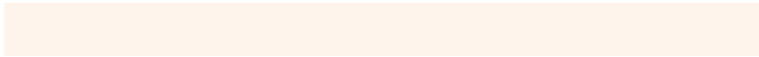
91.9595, 0.3254, 0.3378



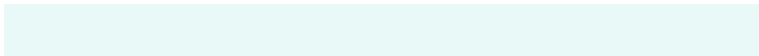
91.9595, 0.3218, 0.3405

Triad

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



91.9595, 0.3254, 0.3378



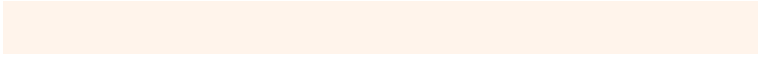
91.9595, 0.3032, 0.3311



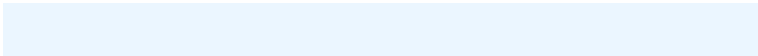
91.9595, 0.3096, 0.3182

Complementary

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



91.9595, 0.3254, 0.3378



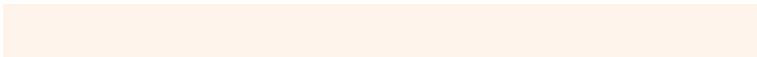
90.7907, 0.3006, 0.3200

Split Complementary

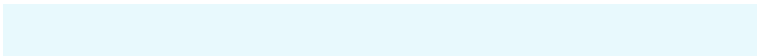
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9595, 0.3037, 0.3177



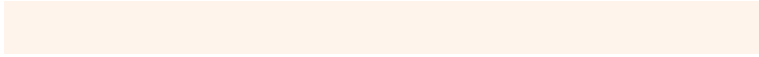
91.9595, 0.3254, 0.3378



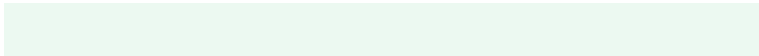
91.9595, 0.3000, 0.3250

Square

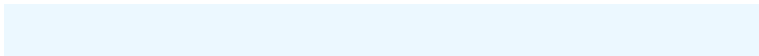
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.9595, 0.3254, 0.3378



91.9595, 0.3090, 0.3366



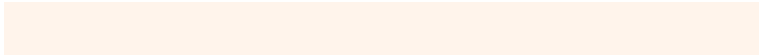
91.9595, 0.3002, 0.3201



91.9595, 0.3164, 0.3216

Rectangle

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



91.9595, 0.3254, 0.3378



91.9595, 0.3180, 0.3406



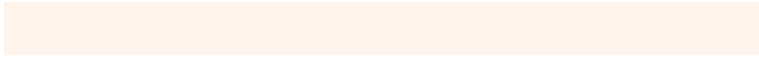
91.9595, 0.3002, 0.3201



91.9595, 0.3074, 0.3177

Sweetspot

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



91.9635, 0.3254, 0.3378



97.9003, 0.3158, 0.3312



87.3359, 0.3192, 0.3183



20.9768, 0.3157, 0.3311



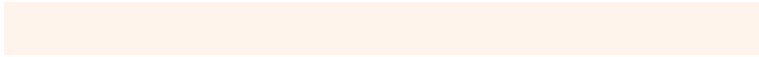
0.0000, 0.0000, 0.0000



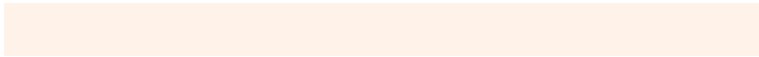
21.4041, 0.3127, 0.3290

Same Dimension

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



91.9635, 0.3254, 0.3378



90.8231, 0.3274, 0.3392



98.1336, 0.3245, 0.3473



19.3342, 0.3283, 0.3397



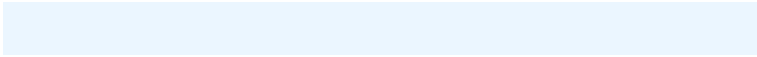
17.7851, 0.5556, 0.3970



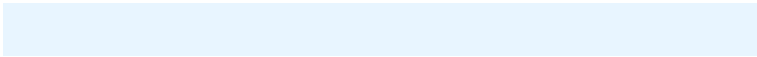
1.9462, 0.5362, 0.4124

Inverse Universe

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



90.7907, 0.3006, 0.3200



89.4861, 0.2987, 0.3186



84.8817, 0.3006, 0.3100



19.0330, 0.2979, 0.3180



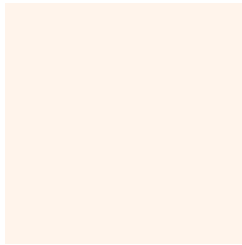
13.9003, 0.1818, 0.1743



1.5718, 0.1871, 0.1934

Previews

White Background



This preview shows how the Yxy color 91.9595, 0.3254, 0.3378 looks on a white background.

Color Contrast Check

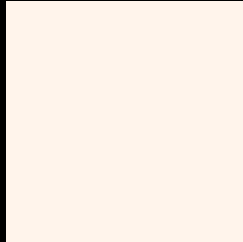
Large Text (above 18pt) WCAG AA × Fail

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 91.9595, 0.3254, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

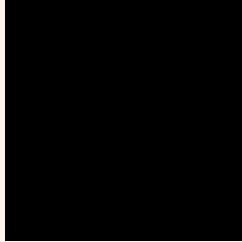
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.9595, 0.3254, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 91.9595, 0.3254, 0.3378.

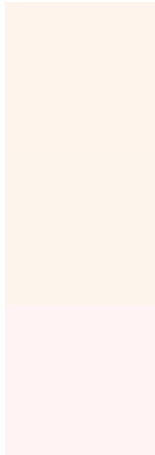


This preview shows how white text looks on a background with the Yxy color 91.9595, 0.3254, 0.3378.

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

91.9595, 0.3254, 0.3378

Protanopia

92.1856, 0.3240, 0.3388

Deuteranopia

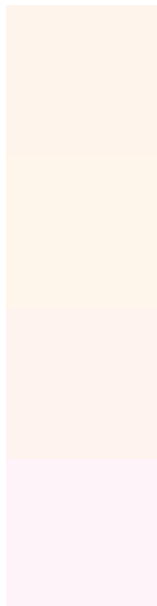
91.8322, 0.3206, 0.3290



Tritanopia

91.7951, 0.3127, 0.3165

Trichromacy



Original Color

91.9595, 0.3254, 0.3378

Protanomaly

92.3738, 0.3247, 0.3388

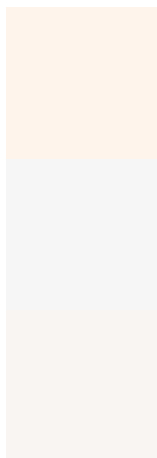
Deuteranomaly

91.6525, 0.3224, 0.3319

Tritanomaly

91.9493, 0.3168, 0.3242

Monochromacy



Original Color

91.9595, 0.3254, 0.3378

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.8554, 0.3171, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9595, 0.3254, 0.3378 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, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 235)  
}
```

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, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 235) }
```

Border

The CSS property to change the border of an element to Yxy 91.9595, 0.3254, 0.3378 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, 244, 235) }
```

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

```
.border{ border-color:rgb(255, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 244, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 244, 235); box-shadow:4px 4px 4px 4px rgb(255, 244, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9595, 0.3254, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 235) }
```

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

```
.background{ background-color: rgb(255,  
244, 235) }
```

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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