

Converting Colors

$Y_{xy}(96.7735, 0.3365, 0.3358)$

Have a look what the booklet for
Yxy(96.7735, 0.3365, 0.3358)
contains.

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Color

Yxy(92.7379, 0.3235, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5EE
RGB	255, 245, 238
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0393, 0.0666
CMYK	0.00, 0.04, 0.07, 0.00
HSL	25°, 100%, 97%
HSV	25°, 7%, 100%
XYZ	89.3410, 92.7379, 94.0911
YIQ	247.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

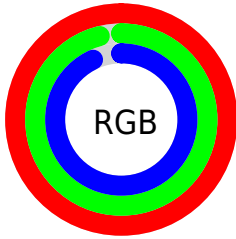
Format	Color
R _Y B	255, 250, 238
Decimal	16774638
CIE Lab	97.12, 2.20, 4.54
CIE LCh	97, 5.041, 64.172
Yxy	92.7379, 0.3235, 0.3358
Android (android.graphics.Color)	4294964718 (0xFFFFF5EE)
YUV	247.1920, -4.5317, 6.8476
Hunter-Lab	96.3005, -2.9259, 9.4806

Details

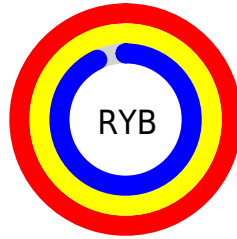
The Yxy color **92.7379, 0.3235, 0.3358** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **seashell**. A complement of this color would be **92.5515, 0.3024, 0.3221**, and the grayscale version is **93.2035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7784, 0.3256, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **82.6092, 0.3418, 0.3466**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

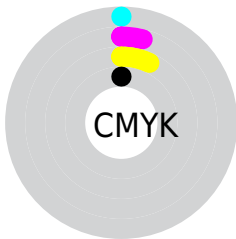
Distribution



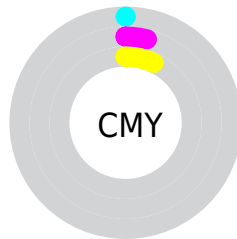
- Red (100%)
- Green (96%)
- Blue (93%)



- Red (100%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.7379, 0.3235, 0.3358 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 92.7379, 0.3235, 0.3358 by changing the saturation by 10% instead.

 92.7379, 0.3235,
0.3358

 92.7379, 0.3235,
0.3358


536.8975, 0.3187,
0.3328

 70.2537, 0.3245,
0.3365


151.1357, 0.3219,
0.3348

 51.7334, 0.3258,
0.3372


187.8180, 0.3212,
0.3344

 36.7926, 0.3274,
0.3382


230.0019, 0.3207,
0.3340

 25.0469, 0.3294,
0.3395

278.0716, 0.3202,
0.3337

 16.1120, 0.3321,
0.3411

332.4117, 0.3198,
0.3335

 9.6035, 0.3358,
0.3433

393.4064, 0.3194,

 5.1368, 0.3412,

0.3332

0.3465

461.4402, 0.3190,
0.3330

■ 2.3278, 0.3498,
0.3516

■ 0.7884, 0.3765,
0.3697

■ 92.7379, 0.3235,
0.3358

■ 92.7379, 0.3235,
0.3358

■ 82.6092, 0.3418,
0.3466

100.0000, 0.3127,
0.3290

■ 73.4115, 0.3631,
0.3578

■ 65.1110, 0.3875,
0.3691

■ 57.6786, 0.4151,
0.3800

■ 51.0834, 0.4454,
0.3894

■ 45.2924, 0.4773,
0.3962

■ 40.2698, 0.5091,
0.3990

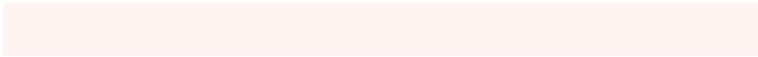
■ 35.9764, 0.5384,
0.3967

■ 32.3672, 0.5627,
0.3889

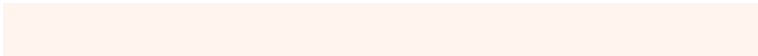
Harmonies

Analogous

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



92.7379, 0.3232, 0.3314



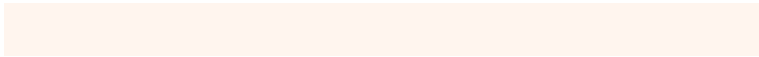
92.7379, 0.3235, 0.3358



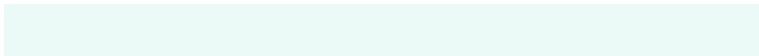
92.7379, 0.3209, 0.3384

Triad

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



92.7379, 0.3235, 0.3358



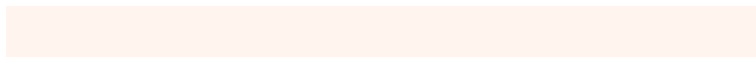
92.7379, 0.3055, 0.3315



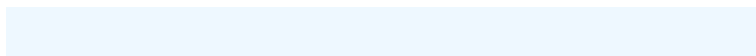
92.7379, 0.3093, 0.3198

Complementary

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



92.7379, 0.3235, 0.3358



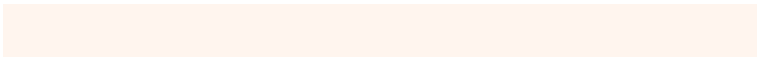
92.5515, 0.3024, 0.3221

Split Complementary

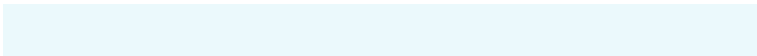
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7379, 0.3046, 0.3197



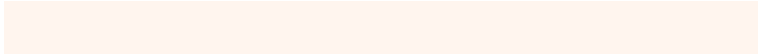
92.7379, 0.3235, 0.3358



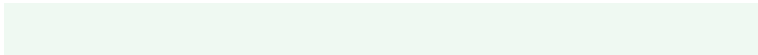
92.7379, 0.3024, 0.3265

Square

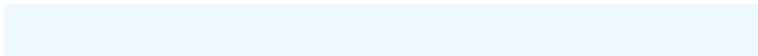
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.7379, 0.3235, 0.3358



92.7379, 0.3105, 0.3359



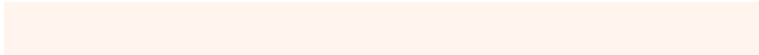
92.7379, 0.3021, 0.3221



92.7379, 0.3149, 0.3222

Rectangle

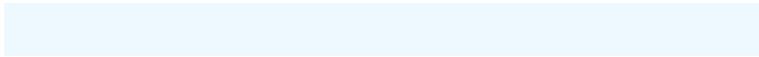
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.7379, 0.3235, 0.3358



92.7379, 0.3179, 0.3387



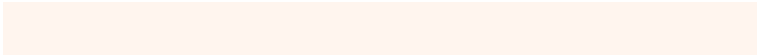
92.7379, 0.3021, 0.3221



92.7379, 0.3075, 0.3195

Sweetspot

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



92.7318, 0.3235, 0.3358



97.7727, 0.3158, 0.3310



89.2084, 0.3177, 0.3192



20.9508, 0.3157, 0.3309



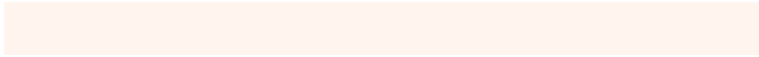
0.0000, 0.0000, 0.0000



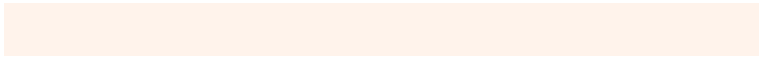
21.4041, 0.3127, 0.3290

Same Dimension

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



92.7318, 0.3235, 0.3358



91.3212, 0.3258, 0.3372



97.8751, 0.3228, 0.3438



19.2117, 0.3284, 0.3388



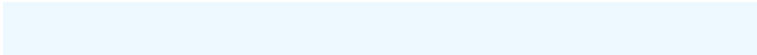
16.6310, 0.5671, 0.3879



1.8280, 0.5465, 0.4043

Inverse Universe

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



92.5515, 0.3024, 0.3221



91.1066, 0.3003, 0.3207



87.5519, 0.3025, 0.3138



19.1577, 0.2979, 0.3190



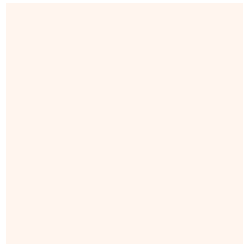
15.5239, 0.1856, 0.1883



1.7267, 0.1905, 0.2059

Previews

White Background



This preview shows how the Yxy color 92.7379, 0.3235, 0.3358 looks on a white background.

Color Contrast Check

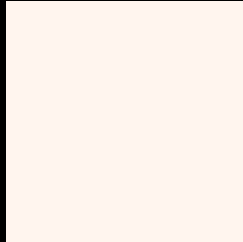
Large Text (above 18pt) WCAG AA × Fail

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 92.7379, 0.3235, 0.3358 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 92.7379, 0.3235, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 92.7379, 0.3235, 0.3358.



This preview shows how white text looks on a background with the Yxy color 92.7379, 0.3235, 0.3358.

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

92.7379, 0.3235, 0.3358

Protanopia

92.9672, 0.3221, 0.3368

Deuteranopia

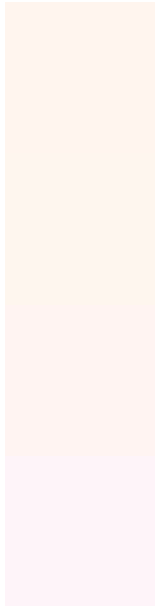
92.5539, 0.3193, 0.3281



Tritanopia

92.9922, 0.3126, 0.3185

Trichromacy



Original Color

92.7379, 0.3235, 0.3358

Protanomaly

93.1554, 0.3227, 0.3368

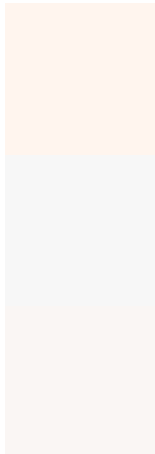
Deuteranomaly

92.3722, 0.3211, 0.3310

Tritanomaly

92.6118, 0.3162, 0.3242

Monochromacy



Original Color

92.7379, 0.3235, 0.3358

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.7672, 0.3165, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7379, 0.3235, 0.3358 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, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 238)  
}
```

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, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 238) }
```

Border

The CSS property to change the border of an element to Yxy 92.7379, 0.3235, 0.3358 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, 245, 238) }
```

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

```
.border{ border-color:rgb(255, 245, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
238) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 92.7379, 0.3235, 0.3358$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 238) }
```

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

```
.background{ background-color: rgb(255,  
245, 238) }
```

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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