

Converting Colors

$Y_{xy}(100.0000, 0.3605, 0.3452)$

Have a look what the booklet for
Yxy(100.0000, 0.3605, 0.3452)
contains.

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Color

Yxy(90.7974, 0.3318, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3E1
RGB	255, 243, 225
RGB Percent	100%, 95%, 88%
CMY	0.0000, 0.0471, 0.1175
CMYK	0.00, 0.05, 0.12, 0.00
HSL	36°, 100%, 94%
HSV	36°, 12%, 100%
XYZ	86.8952, 90.7974, 84.1978
YIQ	244.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

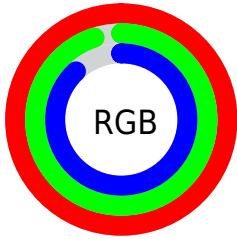
Format	Color
R _{YB}	245, 255, 225
Decimal	16774113
CIE Lab	96.33, 1.11, 10.09
CIE LCh	96, 10.154, 83.723
Yxy	90.7974, 0.3318, 0.3467
Android (android.graphics.Color)	4294964193 (0xFFFFF3E1)
YUV	244.5360, -9.6312, 9.1769
Hunter-Lab	95.2877, -3.9748, 14.3117

Details

The Yxy color $90.7974, 0.3318, 0.3467$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $83.8211, 0.2943, 0.3106$, and the grayscale version is $90.9866, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $50.4487, 0.3356, 0.3504$ is the 20% darker color. If you saturate the color by 10%, you get $83.5578, 0.3501, 0.3626$, and if you desaturate by 10%, it is $98.5770, 0.3154, 0.3316$.

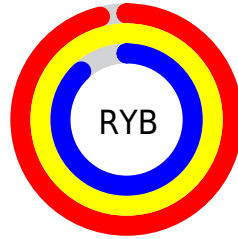
Distribution



Red (100%)

Green (95%)

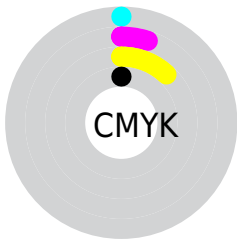
Blue (88%)



Red (96%)

Yellow (100%)

Blue (88%)

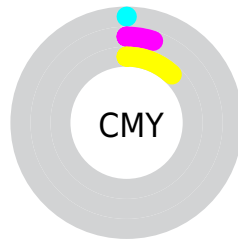


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.7974, 0.3318, 0.3467 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 90.7974, 0.3318, 0.3467 by changing the saturation by 10% instead.

 90.7974, 0.3318,
0.3467

 90.7974, 0.3318,
0.3467

530.6214, 0.3233,
0.3389

 68.6422, 0.3337,
0.3484


148.4455, 0.3289,
0.3440

 50.4204, 0.3359,
0.3505


184.7072, 0.3278,
0.3430

 35.7475, 0.3388,
0.3531


226.4399, 0.3268,
0.3421

 24.2393, 0.3424,
0.3564

274.0279, 0.3259,
0.3413

 15.5112, 0.3471,
0.3607

327.8557, 0.3251,
0.3406

 9.1789, 0.3537,
0.3667

388.3076, 0.3245,

 4.8581, 0.3633,

0.3399

0.3753

455.7680, 0.3239,
0.3394

■ 2.1642, 0.3785,
0.3889

■ 0.7004, 0.4777,
0.4830

■ 90.7974, 0.3318,
0.3467

■ 90.7974, 0.3318,
0.3467

■ 83.5578, 0.3501,
0.3626

■ 98.5770, 0.3154,
0.3316

■ 76.8558, 0.3703,
0.3787

100.0000, 0.3127,
0.3290

■ 70.6719, 0.3923,
0.3946

■ 64.9894, 0.4155,
0.4093

■ 59.7909, 0.4392,
0.4218

■ 55.0568, 0.4623,
0.4309

■ 50.7658, 0.4836,
0.4353

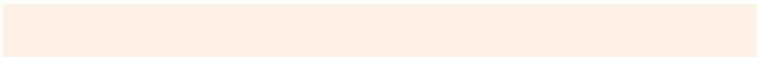
■ 46.8932, 0.5017,
0.4343

■ 43.9869, 0.5142,
0.4299

Harmonies

Analogous

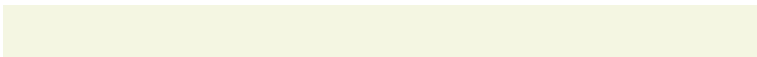
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7974, 0.3352, 0.3398



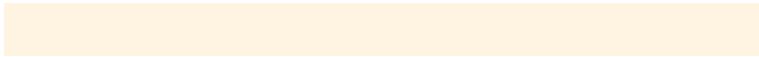
90.7974, 0.3318, 0.3467



90.7974, 0.3233, 0.3489

Triad

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



90.7974, 0.3318, 0.3467



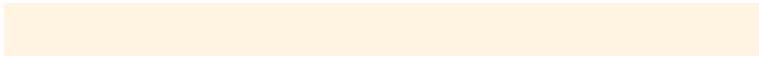
90.7974, 0.2934, 0.3272



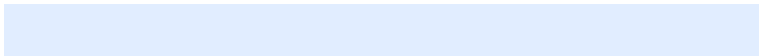
90.7974, 0.3130, 0.3132

Complementary

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



90.7974, 0.3318, 0.3467



83.8211, 0.2943, 0.3106

Split Complementary

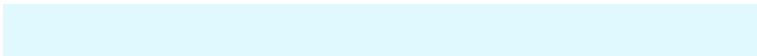
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7974, 0.3020, 0.3098



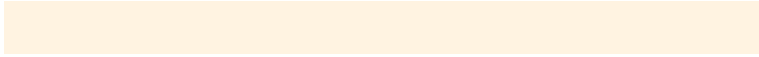
90.7974, 0.3318, 0.3467



90.7974, 0.2908, 0.3176

Square

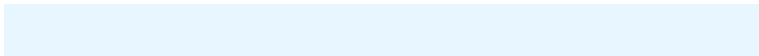
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.7974, 0.3318, 0.3467



90.7974, 0.3012, 0.3376



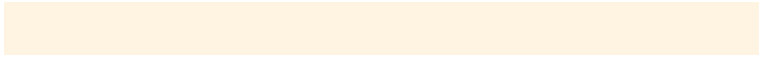
90.7974, 0.2939, 0.3113



90.7974, 0.3242, 0.3206

Rectangle

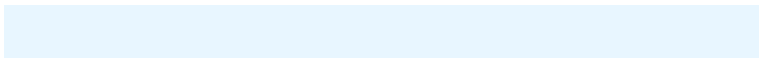
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.7974, 0.3318, 0.3467



90.7974, 0.3159, 0.3473



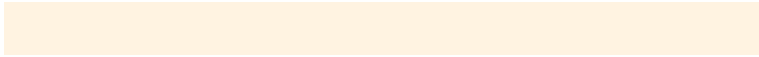
90.7974, 0.2939, 0.3113



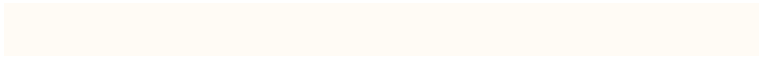
90.7974, 0.3092, 0.3116

Sweetspot

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



90.7933, 0.3318, 0.3467



96.7805, 0.3189, 0.3349



81.2695, 0.3255, 0.3167



20.5876, 0.3201, 0.3360



0.0000, 0.0000, 0.0000



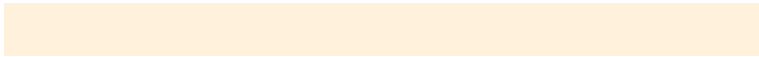
21.4041, 0.3127, 0.3290

Same Dimension

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



90.7933, 0.3318, 0.3467



89.1212, 0.3357, 0.3502



97.7470, 0.3287, 0.3583



19.7980, 0.3279, 0.3432



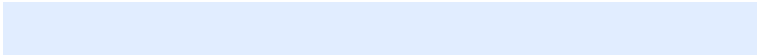
23.2844, 0.5122, 0.4315



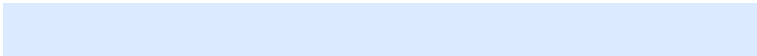
2.4812, 0.4987, 0.4422

Inverse Universe

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



83.8211, 0.2943, 0.3106



80.9469, 0.2906, 0.3068



77.5012, 0.2957, 0.2983



18.5722, 0.2979, 0.3144



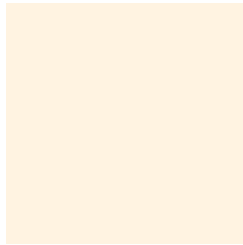
9.0284, 0.1684, 0.1260



1.0860, 0.1746, 0.1484

Previews

White Background



This preview shows how the Yxy color 90.7974, 0.3318, 0.3467 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 90.7974, 0.3318, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

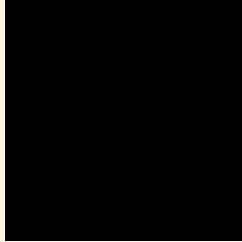
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.7974, 0.3318, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 90.7974, 0.3318, 0.3467.

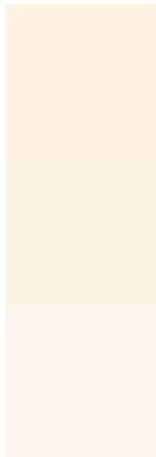


This preview shows how white text looks on a background with the Yxy color 90.7974, 0.3318, 0.3467.

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

90.7974, 0.3318, 0.3467

Protanopia

91.0203, 0.3303, 0.3478

Deuteranopia

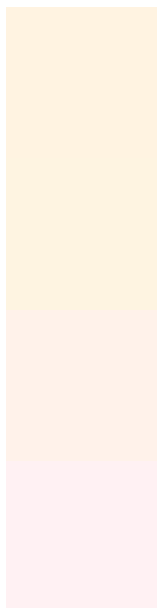
90.9963, 0.3231, 0.3320



Tritanopia

90.6720, 0.3146, 0.3165

Trichromacy



Original Color

90.7974, 0.3318, 0.3467

Protanomaly

91.2084, 0.3310, 0.3477

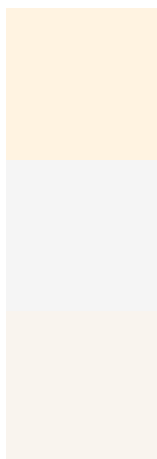
Deuteranomaly

90.7048, 0.3262, 0.3369

Tritanomaly

90.6417, 0.3207, 0.3271

Monochromacy



Original Color

90.7974, 0.3318, 0.3467

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.0142, 0.3196, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.7974, 0.3318, 0.3467 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, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 225)  
}
```

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, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 225) }
```

Border

The CSS property to change the border of an element to Yxy 90.7974, 0.3318, 0.3467 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, 243, 225) }
```

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

```
.border{ border-color:rgb(255, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 90.7974, 0.3318, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 225) }
```

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

```
.background{ background-color: rgb(255,  
243, 225) }
```

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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