

Converting Colors

$Yxy(98.9462, 0.3544, 0.3512)$

Have a look what the booklet for
Yxy(98.9462, 0.3544, 0.3512)
contains.

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Color

Yxy(92.4455, 0.3333, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6DE
RGB	255, 246, 222
RGB Percent	100%, 96%, 87%
CMY	0.0000, 0.0353, 0.1294
CMYK	0.00, 0.04, 0.13, 0.00
HSL	44°, 100%, 94%
HSV	44°, 13%, 100%
XYZ	87.3854, 92.4455, 82.3515
YIQ	245.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

Format	Color
R _Y B	234, 255, 222
Decimal	16774878
CIE Lab	97.00, -0.89, 12.61
CIE LCh	97, 12.641, 94.042
Yxy	92.4455, 0.3333, 0.3526
Android (android.graphics.Color)	4294964958 (0xFFFFF6DE)
YUV	245.9550, -11.8098, 7.9325
Hunter-Lab	96.1486, -6.0289, 16.5220

Details

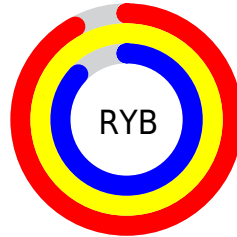
The Yxy color **92.4455, 0.3333, 0.3526** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.9084, 0.2922, 0.3042**, and the grayscale version is **92.2108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6227, 0.3374, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **87.0283, 0.3508, 0.3716**, and if you desaturate by 10%, it is **98.2304, 0.3172, 0.3342**.

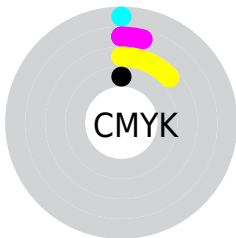
Distribution



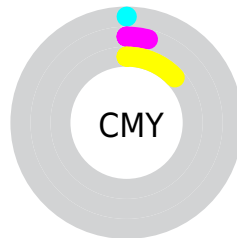
- Red (100%)
- Green (96%)
- Blue (87%)



- Red (92%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4455, 0.3333, 0.3526 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 92.4455, 0.3333, 0.3526 by changing the saturation by 10% instead.


 92.4455, 0.3333,
0.3526

 92.4455, 0.3333,
0.3526


535.9543, 0.3242,
0.3421

 70.0107, 0.3353,
0.3549


150.7307, 0.3302,
0.3490

 51.5353, 0.3377,
0.3577


187.3499, 0.3290,
0.3476

 36.6348, 0.3407,
0.3611


229.4660, 0.3279,
0.3464

 24.9248, 0.3445,
0.3655

277.4634, 0.3270,
0.3454

 16.0211, 0.3495,
0.3713

331.7266, 0.3262,
0.3444

 9.5391, 0.3563,
0.3792

392.6399, 0.3254,

 5.0944, 0.3661,

0.3436

0.3907

460.5876, 0.3248,
0.3428

■ 2.3028, 0.3813,
0.4088

■ 0.7752, 0.4798,
0.5202

■ 92.4455, 0.3333,
0.3526

■ 92.4455, 0.3333,
0.3526

■ 87.0283, 0.3508,
0.3716

■ 98.2304, 0.3172,
0.3342

■ 81.9642, 0.3694,
0.3908

100.0000, 0.3127,
0.3290

■ 77.2427, 0.3889,
0.4095

■ 72.8513, 0.4085,
0.4266

■ 68.7761, 0.4275,
0.4412

■ 65.0019, 0.4449,
0.4521

■ 61.5115, 0.4600,
0.4584

■ 58.2841, 0.4719,
0.4597

■ 56.1427, 0.4788,
0.4581

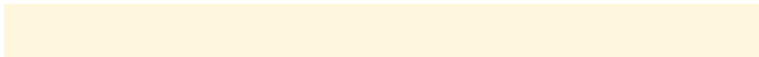
Harmonies

Analogous

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



92.4455, 0.3399, 0.3457



92.4455, 0.3333, 0.3526



92.4455, 0.3212, 0.3531

Triad

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



92.4455, 0.3333, 0.3526



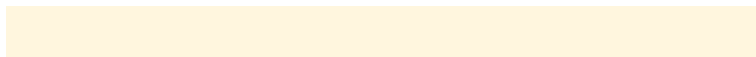
92.4455, 0.2870, 0.3223



92.4455, 0.3180, 0.3122

Complementary

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



92.4455, 0.3333, 0.3526



79.9084, 0.2922, 0.3042

Split Complementary

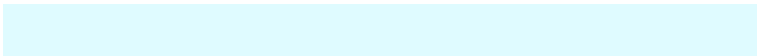
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4455, 0.3038, 0.3061



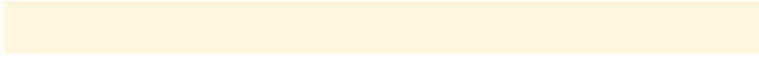
92.4455, 0.3333, 0.3526



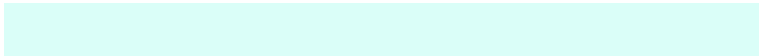
92.4455, 0.2862, 0.3116

Square

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



92.4455, 0.3333, 0.3526



92.4455, 0.2946, 0.3353



92.4455, 0.2923, 0.3058



92.4455, 0.3310, 0.3226

Rectangle

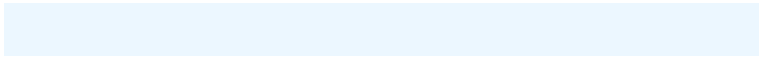
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4455, 0.3333, 0.3526



92.4455, 0.3117, 0.3495



92.4455, 0.2923, 0.3058



92.4455, 0.3132, 0.3096

Sweetspot

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



92.4467, 0.3333, 0.3526



97.5979, 0.3188, 0.3361



79.2980, 0.3300, 0.3198



20.7947, 0.3200, 0.3375



0.0000, 0.0000, 0.0000



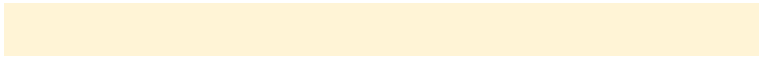
21.4041, 0.3127, 0.3290

Same Dimension

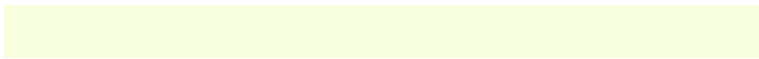
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4467, 0.3333, 0.3526



90.7488, 0.3385, 0.3584



96.7240, 0.3275, 0.3616



20.2034, 0.3276, 0.3462



29.5974, 0.4776, 0.4590



3.0639, 0.4694, 0.4655

Inverse Universe

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



79.9084, 0.2922, 0.3042



75.5750, 0.2871, 0.2978



76.1523, 0.2967, 0.2952



18.1839, 0.2979, 0.3112



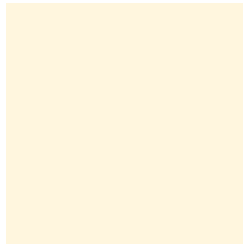
6.2437, 0.1592, 0.0932



0.7804, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 92.4455, 0.3333, 0.3526 looks on a white background.

Color Contrast Check

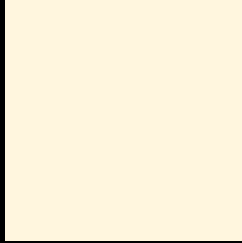
Large Text (above 18pt) WCAG AA × Fail

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 92.4455, 0.3333, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

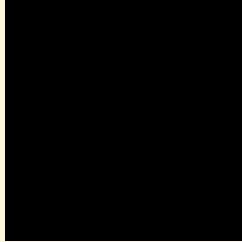
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4455, 0.3333, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 92.4455, 0.3333, 0.3526.

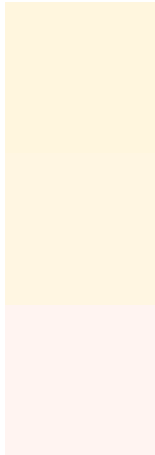


This preview shows how white text looks on a background with the Yxy color 92.4455, 0.3333, 0.3526.

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

92.4455, 0.3333, 0.3526

Protanopia

92.6625, 0.3308, 0.3486

Deuteranopia

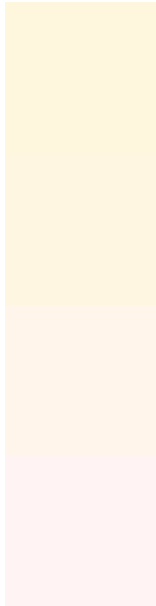
92.3122, 0.3217, 0.3319



Tritanopia

92.5812, 0.3133, 0.3175

Trichromacy



Original Color

92.4455, 0.3333, 0.3526

Protanomaly

92.6078, 0.3314, 0.3496

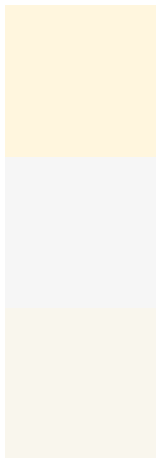
Deuteranomaly

92.5053, 0.3259, 0.3398

Tritanomaly

92.4324, 0.3205, 0.3300

Monochromacy



Original Color

92.4455, 0.3333, 0.3526

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.1657, 0.3201, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4455, 0.3333, 0.3526 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, 246, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 222)  
}
```

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, 246, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 222) }
```

Border

The CSS property to change the border of an element to Yxy 92.4455, 0.3333, 0.3526 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, 246, 222) }
```

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

```
.border{ border-color:rgb(255, 246, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4455, 0.3333, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 222) }
```

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

```
.background{ background-color: rgb(255,  
246, 222) }
```

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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