

Converting Colors

$Y_{xy}(91.3590, 0.3592, 0.3865)$

Have a look what the booklet for
Yxy(91.3590, 0.3592, 0.3865)
contains.

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Color

Yxy(90.1527, 0.3555, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5BB
RGB	255, 245, 187
RGB Percent	100%, 96%, 73%
CMY	0.0001, 0.0392, 0.2666
CMYK	0.00, 0.04, 0.27, 0.00
HSL	51°, 100%, 87%
HSV	51°, 27%, 100%
XYZ	82.8575, 90.1527, 60.0630
YIQ	241.3780, 24.5780, -15.9180

Conversions

Conversions Part 2

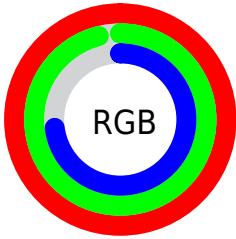
Format	Color
R _Y B	199, 255, 187
Decimal	16774587
CIE Lab	96.06, -5.38, 29.18
CIE LCh	96, 29.672, 100.440
Yxy	90.1527, 0.3555, 0.3868
Android (android.graphics.Color)	4294964667 (0xFFFFF5BB)
YUV	241.3780, -26.8084, 11.9465
Hunter-Lab	94.9488, -10.3915, 28.9583

Details

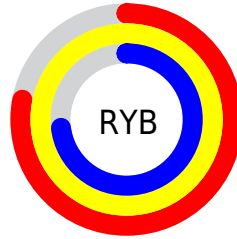
The Yxy color **90.1527, 0.3555, 0.3868** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.7157, 0.2673, 0.2637**, and the grayscale version is **88.4789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **50.0944, 0.3650, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **86.9201, 0.3725, 0.4086**, and if you desaturate by 10%, it is **93.6330, 0.3388, 0.3647**.

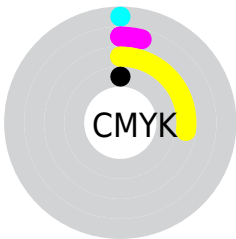
Distribution



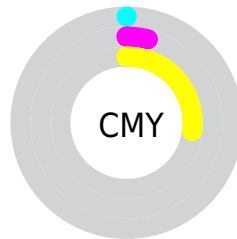
- Red (100%)
- Green (96%)
- Blue (73%)



- Red (78%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1527, 0.3555, 0.3868 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 90.1527, 0.3555, 0.3868 by changing the saturation by 10% instead.


 90.1527, 0.3555,
0.3868

 90.1527, 0.3555,
0.3868


528.5275, 0.3368,
0.3609

 68.1073, 0.3595,
0.3925

 147.5505, 0.3492,
0.3780

 49.9850, 0.3643,
0.3993


183.6717, 0.3467,
0.3746

 35.4015, 0.3702,
0.4078


225.2535, 0.3445,
0.3715

 23.9723, 0.3774,
0.4185

272.6805, 0.3426,
0.3689

 15.3131, 0.3866,
0.4323

326.3370, 0.3409,
0.3666

 9.0394, 0.3984,
0.4508

386.6074, 0.3394,

 4.7669, 0.4134,

0.3645

0.4760

453.8761, 0.3380,
0.3626

■ 2.1112, 0.4576,
0.5424

■ 0.6709, 0.4301,
0.5699

■ 90.1527, 0.3555,
0.3868

■ 90.1527, 0.3555,
0.3868

■ 86.9201, 0.3725,
0.4086

■ 93.6330, 0.3388,
0.3647

■ 83.9126, 0.3893,
0.4292

■ 97.3586, 0.3228,
0.3430

■ 81.1227, 0.4052,
0.4476

99.9953, 0.3127,
0.3290

■ 78.5377, 0.4194,
0.4627

■ 76.1432, 0.4313,
0.4738

■ 73.9226, 0.4404,
0.4802

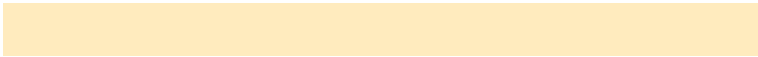
■ 71.8546, 0.4467,
0.4822

■ 71.1851, 0.4484,
0.4822

Harmonies

Analogous

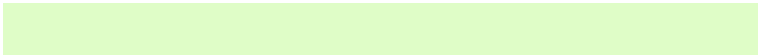
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1527, 0.3754, 0.3715



90.1527, 0.3555, 0.3868



90.1527, 0.3247, 0.3859

Triad

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



90.1527, 0.3555, 0.3868



90.1527, 0.2517, 0.3057



90.1527, 0.3319, 0.2949

Complementary

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



90.1527, 0.3555, 0.3868



57.7157, 0.2673, 0.2637

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.



90.1527, 0.2980, 0.2789



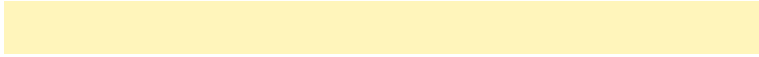
90.1527, 0.3555, 0.3868



90.1527, 0.2532, 0.2836

Square

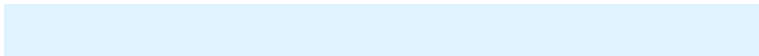
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.1527, 0.3555, 0.3868



90.1527, 0.2654, 0.3366



90.1527, 0.2697, 0.2745



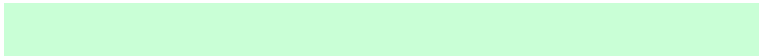
90.1527, 0.3617, 0.3191

Rectangle

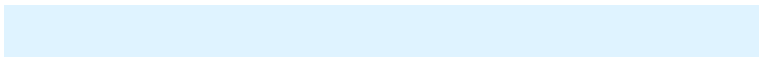
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.1527, 0.3555, 0.3868



90.1527, 0.3024, 0.3751



90.1527, 0.2697, 0.2745



90.1527, 0.3205, 0.2885

Sweetspot

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



90.1568, 0.3555, 0.3868



96.8614, 0.3249, 0.3459



60.8497, 0.3618, 0.3186



20.6100, 0.3273, 0.3491



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

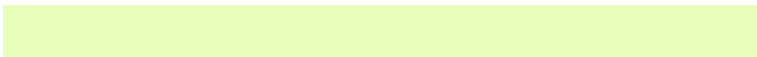
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1568, 0.3555, 0.3868



88.4149, 0.3646, 0.3986



92.1146, 0.3372, 0.3995



20.6100, 0.3273, 0.3491



37.3769, 0.4478, 0.4826



3.7576, 0.4441, 0.4856

Inverse Universe

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



57.7157, 0.2673, 0.2637



51.0007, 0.2570, 0.2482



56.5923, 0.2828, 0.2556



17.8074, 0.2979, 0.3081



4.6051, 0.1533, 0.0717



0.5702, 0.1579, 0.0883

Previews

White Background



This preview shows how the Yxy color 90.1527, 0.3555, 0.3868 looks on a white background.

Color Contrast Check

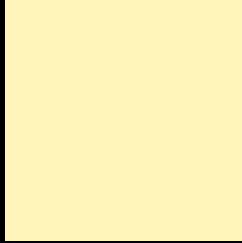
Large Text (above 18pt) WCAG AA × Fail

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 90.1527, 0.3555, 0.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

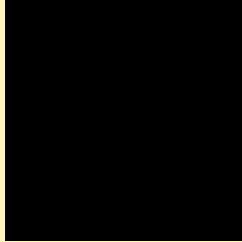
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.1527, 0.3555, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 90.1527, 0.3555, 0.3868.



This preview shows how white text looks on a background with the Yxy color 90.1527, 0.3555, 0.3868.

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

90.1527, 0.3555, 0.3868

Protanopia

89.8662, 0.3432, 0.3648

Deuteranopia

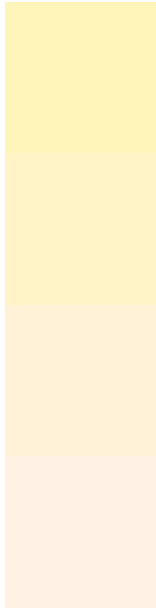
89.9401, 0.3282, 0.3388



Tritanopia

89.8951, 0.3165, 0.3184

Trichromacy



Original Color

90.1527, 0.3555, 0.3868

Protanomaly

90.1315, 0.3475, 0.3728

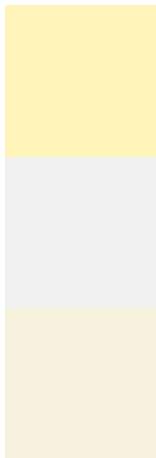
Deuteranomaly

89.6706, 0.3383, 0.3558

Tritanomaly

89.7166, 0.3308, 0.3428

Monochromacy



Original Color

90.1527, 0.3555, 0.3868

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.3175, 0.3283, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1527, 0.3555, 0.3868 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 187) }
```

Border

The CSS property to change the border of an element to Yxy 90.1527, 0.3555, 0.3868 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, 187) }
```

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

```
.border{ border-color:rgb(255, 245, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1527, 0.3555, 0.3868 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
245, 187) }
```

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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