

Converting Colors

$Yxy(78.6886, 0.3555, 0.3704)$

Have a look what the booklet for
Yxy(78.6886, 0.3555, 0.3704)
contains.

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Color

Yxy(78.6658, 0.3555, 0.3704)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9E3BB |
| RGB | 249, 227, 187 |
| RGB Percent | 98%, 89%, 73% |
| CMY | 0.0236, 0.1098, 0.2667 |
| CMYK | 0.00, 0.09, 0.25, 0.02 |
| HSL | 39°, 84%, 85% |
| HSV | 39°, 25%, 98% |
| XYZ | 75.5013, 78.6658, 58.2135 |
| YIQ | 229.0180, 25.9520, -7.7760 |

Conversions

Conversions Part 2

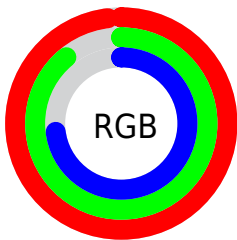
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 221, 249, 187 |
| Decimal | 16376763 |
| CIE Lab | 91.08, 1.50, 22.30 |
| CIE LCh | 91, 22.351, 86.149 |
| Yxy | 78.6658, 0.3555, 0.3704 |
| Android (android.graphics.Color) | 4294566843 (0xFFFF9E3BB) |
| YUV | 229.0180, -20.7149, 17.5242 |
| Hunter-Lab | 88.6937, -3.2644, 23.1710 |

Details

The Yxy color **78.6658, 0.3555, 0.3704** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.9882, 0.2720, 0.2838**, and the grayscale version is **78.5103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **42.4327, 0.3648, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **72.9884, 0.3756, 0.3876**, and if you desaturate by 10%, it is **84.7827, 0.3370, 0.3533**.

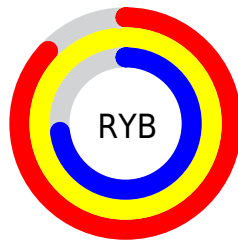
Distribution



Red (98%)

Green (89%)

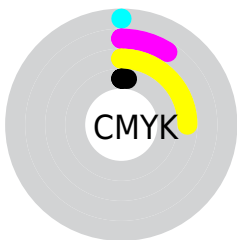
Blue (73%)



Red (87%)

Yellow (98%)

Blue (73%)

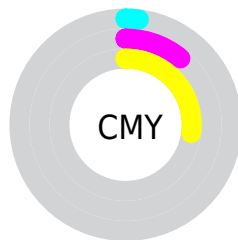


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (2%)



Cyan (2%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6658, 0.3555, 0.3704 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 78.6658, 0.3555, 0.3704 by changing the saturation by 10% instead.


 78.6658, 0.3555,
0.3704

 78.6658, 0.3555,
0.3704


490.4250, 0.3360,
0.3517

 58.6211, 0.3599,
0.3746


 131.4883, 0.3488,
0.3640

 42.3082, 0.3652,
0.3796


165.0348, 0.3462,
0.3615

 29.3427, 0.3718,
0.3860


203.8507, 0.3439,
0.3593

 19.3402, 0.3804,
0.3940

248.3204, 0.3419,
0.3574

 11.9164, 0.3916,
0.4046

298.8283, 0.3402,
0.3557

 6.6867, 0.4071,
0.4189

355.7588, 0.3386,

 3.2670, 0.4291,

0.3542

0.4389

419.4962, 0.3373,
0.3529

■ 1.2727, 0.4969,
0.5031

■ 0.1199, 0.5568,
0.4432

■ 78.6658, 0.3555,
0.3704

■ 78.6658, 0.3555,
0.3704

■ 72.9884, 0.3756,
0.3876

■ 84.7827, 0.3370,
0.3533

■ 67.7266, 0.3969,
0.4043

■ 91.3409, 0.3203,
0.3368

■ 62.8699, 0.4188,
0.4194

■ 97.9174, 0.3091,
0.3275

■ 58.4029, 0.4406,
0.4319

■ 98.8773, 0.3090,
0.3290

■ 54.3087, 0.4612,
0.4405

■ 50.5682, 0.4793,
0.4443

■ 47.1587, 0.4942,
0.4429

■ 45.5316, 0.5008,
0.4406

Harmonies

Analogous

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



78.6658, 0.3648, 0.3544



78.6658, 0.3555, 0.3704



78.6658, 0.3347, 0.3757

Triad

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



78.6658, 0.3555, 0.3704



78.6658, 0.2680, 0.3221



78.6658, 0.3152, 0.2946

Complementary

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



78.6658, 0.3555, 0.3704



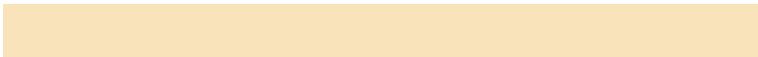
62.9882, 0.2720, 0.2838

Split Complementary

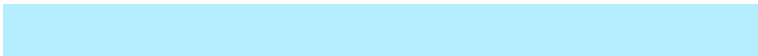
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6658, 0.2896, 0.2860



78.6658, 0.3555, 0.3704



78.6658, 0.2632, 0.3006

Square

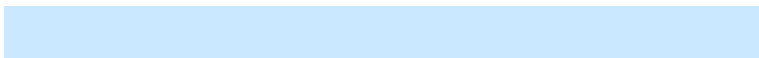
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6658, 0.3555, 0.3704



78.6658, 0.2843, 0.3470



78.6658, 0.2709, 0.2878



78.6658, 0.3411, 0.3115

Rectangle

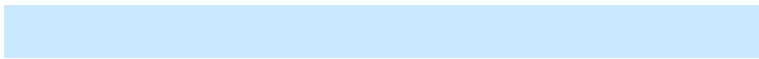
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6658, 0.3555, 0.3704



78.6658, 0.3174, 0.3715



78.6658, 0.2709, 0.2878



78.6658, 0.3063, 0.2907

Sweetspot

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



78.6694, 0.3555, 0.3704



94.9323, 0.3237, 0.3402



60.3145, 0.3464, 0.3053



20.2283, 0.3247, 0.3412



0.0000, 0.0000, 0.0000



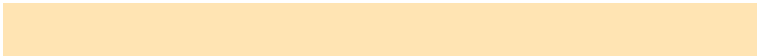
21.4041, 0.3127, 0.3290

Same Dimension

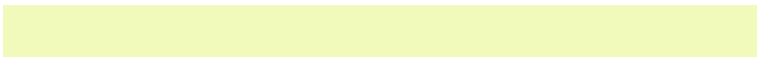
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6694, 0.3555, 0.3704



79.9167, 0.3656, 0.3793



89.9825, 0.3447, 0.3926



19.0948, 0.3278, 0.3443



24.6530, 0.4991, 0.4419



2.4830, 0.4871, 0.4514

Inverse Universe

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



62.9882, 0.2720, 0.2838



60.7029, 0.2630, 0.2729



54.0132, 0.2755, 0.2591



17.6497, 0.2979, 0.3133



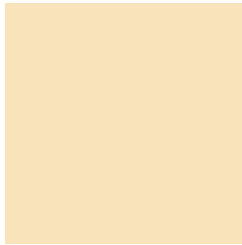
7.6623, 0.1648, 0.1132



0.9013, 0.1713, 0.1368

Previews

White Background



This preview shows how the Yxy color 78.6658, 0.3555, 0.3704 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 78.6658, 0.3555, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

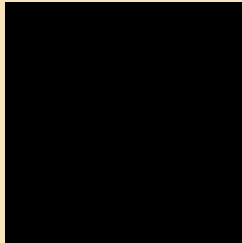
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

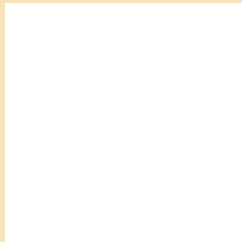
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6658, 0.3555, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 78.6658, 0.3555, 0.3704.



This preview shows how white text looks on a background with the Yxy color 78.6658, 0.3555, 0.3704.

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

78.6658, 0.3555, 0.3704

Protanopia

78.7241, 0.3499, 0.3720

Deuteranopia

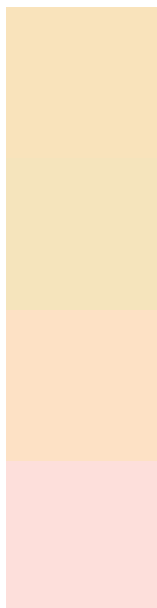
78.8831, 0.3495, 0.3504



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.6658, 0.3555, 0.3704

Protanomaly

78.5301, 0.3516, 0.3707

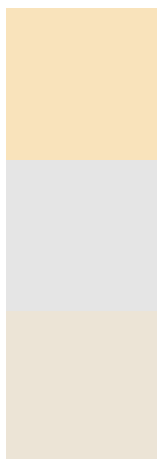
Deuteranomaly

78.7643, 0.3520, 0.3577

Tritanomaly

78.7725, 0.3370, 0.3331

Monochromacy



Original Color

78.6658, 0.3555, 0.3704

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.1747, 0.3275, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6658, 0.3555, 0.3704 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(249, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 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(249, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 187) }
```

Border

The CSS property to change the border of an element to Yxy 78.6658, 0.3555, 0.3704 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(249, 227, 187) }
```

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

```
.border{ border-color:rgb(249, 227, 187) }
```

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

Here you see how a box with a 4 pixel rgb(249, 227, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 187);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6658, 0.3555, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 187) }
```

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

```
.background{ background-color: rgb(249,  
227, 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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