

Converting Colors

$Y_{xy}(78.8947, 0.3526, 0.3737)$

Have a look what the booklet for
Yxy(78.8947, 0.3526, 0.3737)
contains.

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Color

Yxy(78.9963, 0.3527, 0.3738)

Conversions

Conversions Part 1

Format	Color
Hex	F5E5BA
RGB	245, 229, 186
RGB Percent	96%, 90%, 73%
CMY	0.0393, 0.1019, 0.2704
CMYK	0.00, 0.07, 0.24, 0.04
HSL	44°, 75%, 85%
HSV	44°, 24%, 96%
XYZ	74.5372, 78.9963, 57.7996
YIQ	228.8820, 23.3390, -9.9810

Conversions

Conversions Part 2

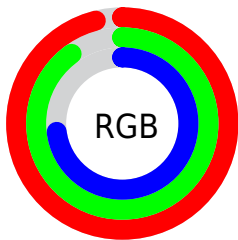
Format	Color
R_{YB}	208, 245, 186
Decimal	16115130
CIE _{Lab}	91.23, -1.12, 22.94
CIE _{LCh}	91, 22.972, 92.805
Yxy	78.9963, 0.3527, 0.3738
Android (android.graphics.Color)	4294305210 (0xFFFF5E5BA)
YUV	228.8820, -21.1408, 14.1355
Hunter-Lab	88.8799, -5.8446, 23.6589

Details

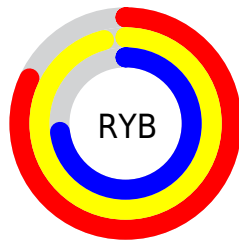
The Yxy color **78.9963, 0.3527, 0.3738** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.2868, 0.2731, 0.2798**, and the grayscale version is **78.4117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **42.6569, 0.3611, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **74.4409, 0.3714, 0.3930**, and if you desaturate by 10%, it is **83.8780, 0.3351, 0.3547**.

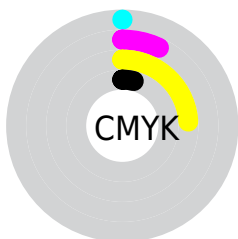
Distribution



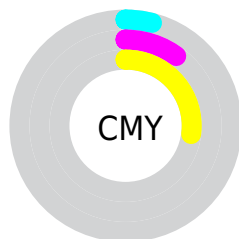
- Red (96%)
- Green (90%)
- Blue (73%)



- Red (82%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (4%)




- Cyan (4%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9963, 0.3527, 0.3738 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 78.9963, 0.3527, 0.3738 by changing the saturation by 10% instead.

 78.9963, 0.3527,
0.3738

 78.9963, 0.3527,
0.3738


491.5438, 0.3346,
0.3534

 58.8928, 0.3567,
0.3784


 131.9537, 0.3465,
0.3668

 42.5268, 0.3617,
0.3839


165.5763, 0.3441,
0.3641

 29.5140, 0.3678,
0.3909


204.4740, 0.3419,
0.3617

 19.4700, 0.3756,
0.3998

249.0313, 0.3401,
0.3596

 12.0104, 0.3859,
0.4116

299.6326, 0.3385,
0.3578

 6.7508, 0.3998,
0.4277

356.6621, 0.3370,

 3.3067, 0.4193,

0.3562

0.4505

420.5044, 0.3357,
0.3547

■ 1.2939, 0.4801,
0.5199

■ 0.1365, 0.4284,
0.5716

■ 78.9963, 0.3527,
0.3738

■ 78.9963, 0.3527,
0.3738

■ 74.4409, 0.3714,
0.3930

■ 83.8780, 0.3351,
0.3547

■ 70.1905, 0.3908,
0.4115

■ 89.0853, 0.3189,
0.3362

■ 66.2370, 0.4103,
0.4284

■ 94.3350, 0.3067,
0.3231

■ 62.5681, 0.4291,
0.4427

■ 98.1489, 0.3066,
0.3290

■ 59.1697, 0.4462,
0.4532

■ 56.0259, 0.4609,
0.4590

■ 53.1175, 0.4725,
0.4599

■ 51.4843, 0.4782,
0.4585

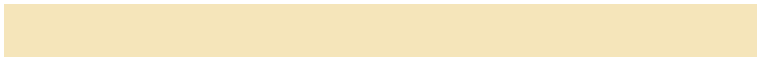
Harmonies

Analogous

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



78.9963, 0.3653, 0.3593



78.9963, 0.3527, 0.3738



78.9963, 0.3295, 0.3762

Triad

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



78.9963, 0.3527, 0.3738



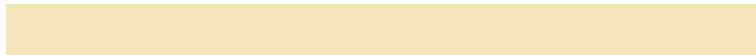
78.9963, 0.2646, 0.3164



78.9963, 0.3214, 0.2970

Complementary

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



78.9963, 0.3527, 0.3738



59.2868, 0.2731, 0.2798

Split Complementary

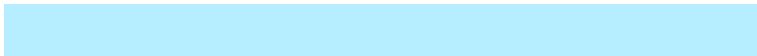
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9963, 0.2944, 0.2860



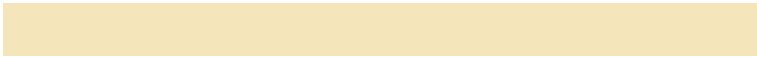
78.9963, 0.3527, 0.3738



78.9963, 0.2626, 0.2960

Square

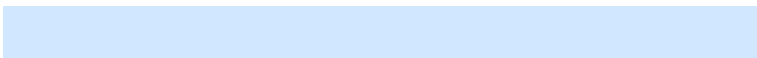
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9963, 0.3527, 0.3738



78.9963, 0.2790, 0.3419



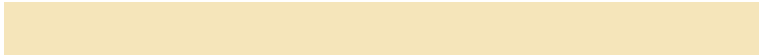
78.9963, 0.2732, 0.2854



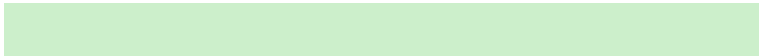
78.9963, 0.3469, 0.3156

Rectangle

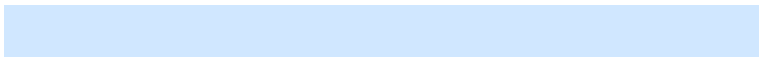
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9963, 0.3527, 0.3738



78.9963, 0.3115, 0.3699



78.9963, 0.2732, 0.2854



78.9963, 0.3122, 0.2923

Sweetspot

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



78.9999, 0.3527, 0.3738



95.8554, 0.3235, 0.3416



58.8469, 0.3490, 0.3113



20.4423, 0.3245, 0.3427



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.



78.9999, 0.3527, 0.3738



83.9913, 0.3619, 0.3834



86.0314, 0.3402, 0.3910



18.5095, 0.3275, 0.3462



27.9823, 0.4770, 0.4595



2.6292, 0.4681, 0.4665

Inverse Universe

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



59.2868, 0.2731, 0.2798



58.8656, 0.2640, 0.2678



53.8467, 0.2806, 0.2625



16.6574, 0.2979, 0.3112



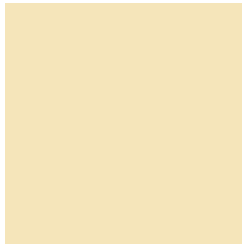
5.8713, 0.1592, 0.0931



0.6796, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 78.9963, 0.3527, 0.3738 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 78.9963, 0.3527, 0.3738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

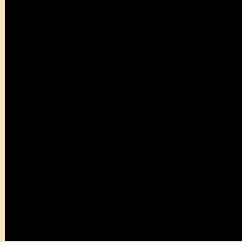
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9963, 0.3527, 0.3738

Background



This preview shows how black text looks on a background with the Yxy color 78.9963, 0.3527, 0.3738.

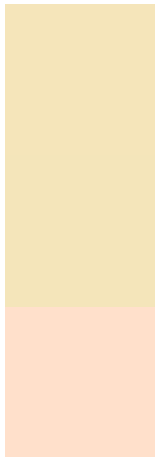


This preview shows how white text looks on a background with the Yxy color 78.9963, 0.3527, 0.3738.

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

78.9963, 0.3527, 0.3738

Protanopia

78.8169, 0.3520, 0.3740

Deuteranopia

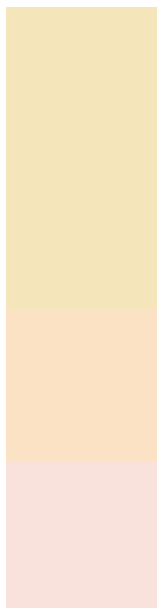
78.8831, 0.3495, 0.3504



Tritanopia

79.1700, 0.3227, 0.3121

Trichromacy



Original Color

78.9963, 0.3527, 0.3738

Protanomaly

78.8169, 0.3520, 0.3740

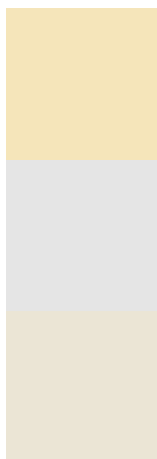
Deuteranomaly

78.9332, 0.3503, 0.3588

Tritanomaly

79.1575, 0.3331, 0.3341

Monochromacy



Original Color

78.9963, 0.3527, 0.3738

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5049, 0.3273, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9963, 0.3527, 0.3738 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(245, 229, 186)` looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 186)  
}
```

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(245, 229, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 186) }
```

Border

The CSS property to change the border of an element to Yxy 78.9963, 0.3527, 0.3738 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(245, 229, 186) }
```

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

```
.border{ border-color:rgb(245, 229, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 229, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 229, 186); box-shadow:4px 4px 4px 4px rgb(245, 229, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9963, 0.3527, 0.3738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 186) }
```

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

```
.background{ background-color: rgb(245,  
229, 186) }
```

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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