

Converting Colors

$Yxy(78.9624, 0.3747, 0.4159)$

Have a look what the booklet for
Yxy(78.9624, 0.3747, 0.4159)
contains.

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Color

Yxy(78.9378, 0.3748, 0.4153)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F3E895 |
| RGB | 243, 232, 149 |
| RGB Percent | 95%, 91%, 58% |
| CMY | 0.0471, 0.0902, 0.4159 |
| CMYK | 0.00, 0.05, 0.39, 0.05 |
| HSL | 53°, 80%, 77% |
| HSV | 53°, 39%, 95% |
| XYZ | 71.2398, 78.9378, 39.8966 |
| YIQ | 225.8270, 33.1990, -23.4810 |

Conversions

Conversions Part 2

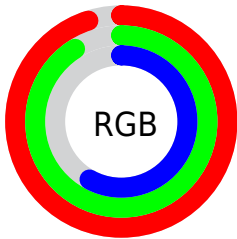
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 161, 243, 149 |
| Decimal | 15984789 |
| CIE Lab | 91.21, -7.91, 41.72 |
| CIE LCh | 91, 42.466, 100.738 |
| Yxy | 78.9378, 0.3748, 0.4153 |
| Android (android.graphics.Color) | 4294174869 (0xFFFF3E895) |
| YUV | 225.8270, -37.8757, 15.0607 |
| Hunter-Lab | 88.8469, -12.3562, 35.5688 |

Details

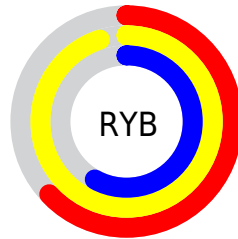
The Yxy color **78.9378, 0.3748, 0.4153** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.9785, 0.2433, 0.2246**, and the grayscale version is **76.1819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **42.6216, 0.3864, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **76.6593, 0.3908, 0.4360**, and if you desaturate by 10%, it is **81.4113, 0.3583, 0.3932**.

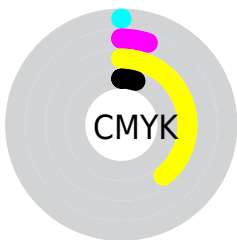
Distribution



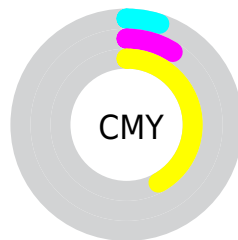
- Red (95%)
- Green (91%)
- Blue (58%)



- Red (63%)
- Yellow (95%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (5%)




- Cyan (5%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.9378, 0.3748, 0.4153 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 78.9378, 0.3748, 0.4153 by changing the saturation by 10% instead.


 78.9378, 0.3748,
0.4153

 78.9378, 0.3748,
0.4153


491.3459, 0.3475,
0.3760

 58.8447, 0.3805,
0.4239


 131.8713, 0.3657,
0.4019

 42.4881, 0.3873,
0.4343


 165.4804, 0.3621,
0.3966

 29.4837, 0.3954,
0.4471


204.3637, 0.3589,
0.3921

 19.4470, 0.4049,
0.4630

248.9055, 0.3561,
0.3880

 11.9937, 0.4162,
0.4829

299.4903, 0.3536,
0.3845

 6.7394, 0.4285,
0.5078

356.5023, 0.3513,

 3.2997, 0.4495,

0.3814

420.3260, 0.3493,
0.3786

0.5505

■ 1.2901, 0.4353,
0.5647

■ 0.1335, 0.0000,
1.0000

■ 78.9378, 0.3748,
0.4153

■ 78.9378, 0.3748,
0.4153

■ 76.6593, 0.3908,
0.4360

■ 81.4113, 0.3583,
0.3932

■ 74.5546, 0.4055,
0.4542

■ 84.0783, 0.3418,
0.3704

■ 72.6159, 0.4184,
0.4689

■ 86.9510, 0.3259,
0.3480

■ 70.8303, 0.4288,
0.4795

■ 90.0377, 0.3108,
0.3262

69.1823, 0.4364,
0.4855

92.3102, 0.3055,
0.3204

67.6497, 0.4413,
0.4872

94.0524, 0.3055,
0.3232

67.4551, 0.4419,
0.4873

95.8211, 0.3054,
0.3259

97.6165, 0.3054,
0.3287

97.7941, 0.3054,
0.3290

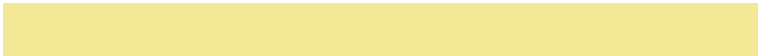
Harmonies

Analogous

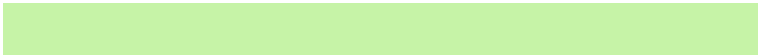
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9378, 0.4057, 0.3902



78.9378, 0.3748, 0.4153



78.9378, 0.3286, 0.4162

Triad

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



78.9378, 0.3748, 0.4153



78.9378, 0.2237, 0.2923



78.9378, 0.3412, 0.2797

Complementary

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



78.9378, 0.3748, 0.4153



37.9785, 0.2433, 0.2246

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.



78.9378, 0.2907, 0.2568



78.9378, 0.3748, 0.4153



78.9378, 0.2264, 0.2612

Square

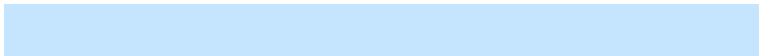
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9378, 0.3748, 0.4153



78.9378, 0.2425, 0.3390



78.9378, 0.2497, 0.2497



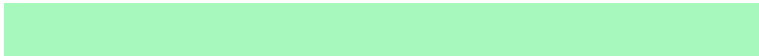
78.9378, 0.3866, 0.3138

Rectangle

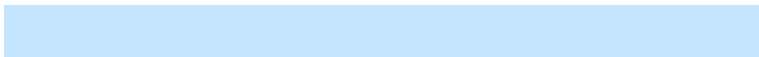
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9378, 0.3748, 0.4153



78.9378, 0.2957, 0.3998



78.9378, 0.2497, 0.2497



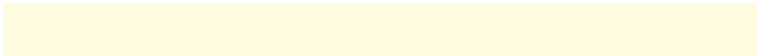
78.9378, 0.3241, 0.2705

Sweetspot

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



78.9414, 0.3748, 0.4153



95.9237, 0.3311, 0.3554



43.1261, 0.3963, 0.3154



20.4411, 0.3332, 0.3583



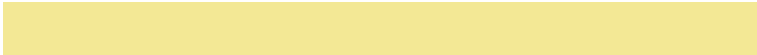
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

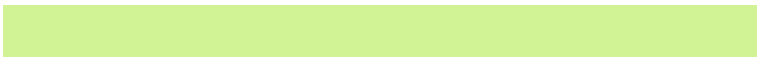
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9414, 0.3748, 0.4153



86.1721, 0.3867, 0.4308



79.7524, 0.3461, 0.4338



18.9636, 0.3271, 0.3497



37.1529, 0.4415, 0.4877



3.3571, 0.4383, 0.4902

Inverse Universe

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



37.9785, 0.2433, 0.2246



34.8613, 0.2280, 0.2007



38.0733, 0.2671, 0.2184



16.2384, 0.2979, 0.3074



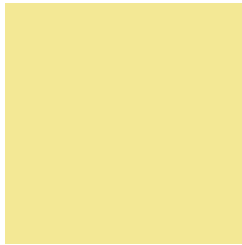
4.1158, 0.1524, 0.0685



0.4609, 0.1568, 0.0846

Previews

White Background



This preview shows how the Yxy color 78.9378, 0.3748, 0.4153 looks on a white background.

Color Contrast Check

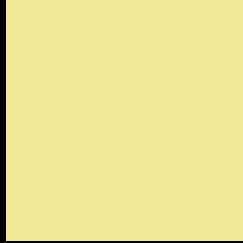
Large Text (above 18pt) WCAG AA × Fail

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 78.9378, 0.3748, 0.4153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

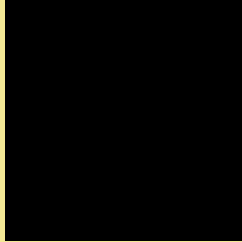
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9378, 0.3748, 0.4153

Background



This preview shows how black text looks on a background with the Yxy color 78.9378, 0.3748, 0.4153.



This preview shows how white text looks on a background with the Yxy color 78.9378, 0.3748, 0.4153.

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

78.9378, 0.3748, 0.4153

Protanopia

79.0557, 0.3815, 0.4127

Deuteranopia

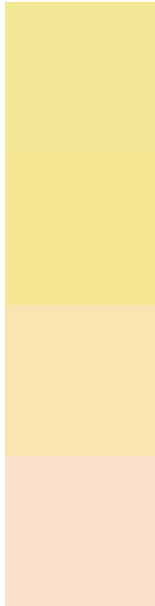
79.0055, 0.3556, 0.3606



Tritanopia

78.7686, 0.3241, 0.3121

Trichromacy



Original Color

78.9378, 0.3748, 0.4153

Protanomaly

79.0641, 0.3788, 0.4144

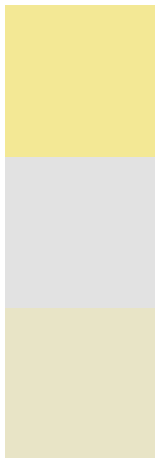
Deuteranomaly

79.2104, 0.3629, 0.3805

Tritanomaly

78.4464, 0.3427, 0.3486

Monochromacy



Original Color

78.9378, 0.3748, 0.4153

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.7198, 0.3353, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9378, 0.3748, 0.4153 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(243, 232, 149)` looks like.

```
.text, #text, p{  
    color:rgb(243, 232, 149)  
}
```

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(243, 232, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 232, 149) }
```

Border

The CSS property to change the border of an element to Yxy 78.9378, 0.3748, 0.4153 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(243, 232, 149) }
```

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

```
.border{ border-color:rgb(243, 232, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 232, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 232, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 232, 149);  
box-shadow:4px 4px 4px 4px rgb(243, 232,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9378, 0.3748, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 232, 149) }
```

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

```
.background{ background-color: rgb(243,  
232, 149) }
```

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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