

Converting Colors

$Yxy(78.3118, 0.3873, 0.4198)$

Have a look what the booklet for
Yxy(78.3118, 0.3873, 0.4198)
contains.

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Color

Yxy(78.2561, 0.3869, 0.4195)

Conversions

Conversions Part 1

Format	Color
Hex	FAE58C
RGB	250, 229, 140
RGB Percent	98%, 90%, 55%
CMY	0.0197, 0.1019, 0.4509
CMYK	0.00, 0.08, 0.44, 0.02
HSL	49°, 92%, 76%
HSV	49°, 44%, 98%
XYZ	72.1747, 78.2561, 36.1153
YIQ	225.1330, 41.0850, -23.2270

Conversions

Conversions Part 2

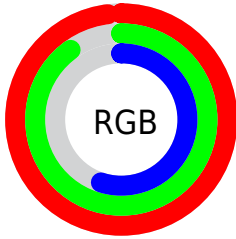
Format	Color
R _Y B	166, 250, 140
Decimal	16442764
CIE Lab	90.90, -4.60, 45.86
CIE LCh	91, 46.091, 95.727
Yxy	78.2561, 0.3869, 0.4195
Android (android.graphics.Color)	4294632844 (0xFFFAE58C)
YUV	225.1330, -41.9706, 21.8084
Hunter-Lab	88.4625, -9.1749, 37.7182

Details

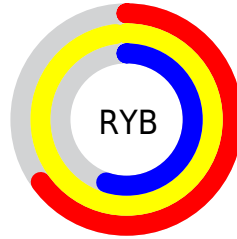
The Yxy color **78.2561, 0.3869, 0.4195** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.9639, 0.2340, 0.2177**, and the grayscale version is **75.6831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **42.1832, 0.4018, 0.4387** is the 20% darker color. If you saturate the color by 10%, you get **75.0011, 0.4042, 0.4379**, and if you desaturate by 10%, it is **81.7584, 0.3691, 0.3993**.

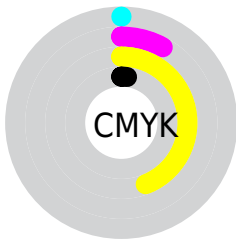
Distribution



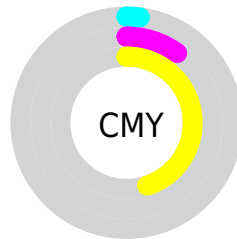
- Red (98%)
- Green (90%)
- Blue (55%)



- Red (65%)
- Yellow (98%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2561, 0.3869, 0.4195 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 78.2561, 0.3869, 0.4195 by changing the saturation by 10% instead.


 78.2561, 0.3869,
0.4195


 78.2561, 0.3869,
0.4195


489.0361, 0.3543,
0.3788

 58.2844, 0.3937,
0.4282


 130.9111, 0.3760,
0.4058

 42.0373, 0.4018,
0.4387


 164.3631, 0.3717,
0.4003

 29.1305, 0.4113,
0.4512


 203.0774, 0.3679,
0.3956

 19.1796, 0.4225,
0.4665

247.4383, 0.3645,
0.3914

 11.8001, 0.4354,
0.4849

297.8303, 0.3615,
0.3877

 6.6077, 0.4513,
0.5088

354.6376, 0.3588,

 3.2180, 0.4653,

0.3844

0.5347

418.2448, 0.3564,
0.3815

■ 1.2466, 0.4570,
0.5430

■ 0.0993, 0.0000,
1.0000

■ 78.2561, 0.3869,
0.4195

■ 78.2561, 0.3869,
0.4195

■ 75.0011, 0.4042,
0.4379

■ 81.7584, 0.3691,
0.3993

■ 71.9704, 0.4203,
0.4534

■ 85.5080, 0.3516,
0.3784

■ 69.1541, 0.4344,
0.4651

■ 89.5187, 0.3346,
0.3574

■ 66.5366, 0.4459,
0.4722

■ 93.8000, 0.3187,
0.3369

■ 64.0991, 0.4544,
0.4746

■ 97.6993, 0.3097,
0.3269

■ 62.7051, 0.4584,
0.4742

■ 99.0618, 0.3096,
0.3290

Harmonies

Analogous

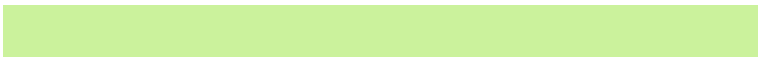
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2561, 0.4168, 0.3886



78.2561, 0.3869, 0.4195



78.2561, 0.3384, 0.4265

Triad

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



78.2561, 0.3869, 0.4195



78.2561, 0.2184, 0.2962



78.2561, 0.3342, 0.2706

Complementary

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



78.2561, 0.3869, 0.4195



37.9639, 0.2340, 0.2177

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.



78.2561, 0.2801, 0.2486



78.2561, 0.3869, 0.4195



78.2561, 0.2174, 0.2595

Square

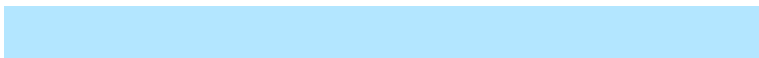
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2561, 0.3869, 0.4195



78.2561, 0.2421, 0.3489



78.2561, 0.2388, 0.2439



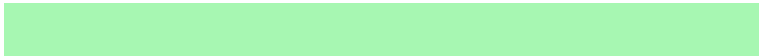
78.2561, 0.3861, 0.3055

Rectangle

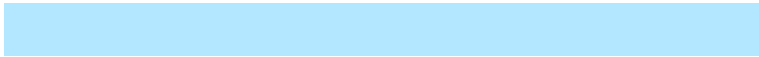
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2561, 0.3869, 0.4195



78.2561, 0.3027, 0.4125



78.2561, 0.2388, 0.2439



78.2561, 0.3155, 0.2616

Sweetspot

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



78.2597, 0.3869, 0.4195



94.0775, 0.3330, 0.3553



41.6902, 0.4058, 0.3058



19.9316, 0.3367, 0.3599



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

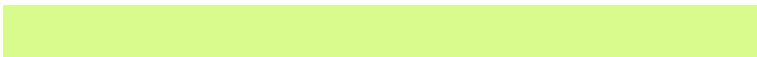
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2597, 0.3869, 0.4195



78.7729, 0.4026, 0.4362



85.0085, 0.3550, 0.4469



19.5948, 0.3274, 0.3481



33.4666, 0.4576, 0.4748



3.2393, 0.4522, 0.4791

Inverse Universe

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



37.9639, 0.2340, 0.2177



31.6462, 0.2162, 0.1901



34.5457, 0.2533, 0.1995



17.1787, 0.2979, 0.3092



4.9225, 0.1550, 0.0780



0.5942, 0.1605, 0.0978

Previews

White Background



This preview shows how the Yxy color 78.2561, 0.3869, 0.4195 looks on a white background.

Color Contrast Check

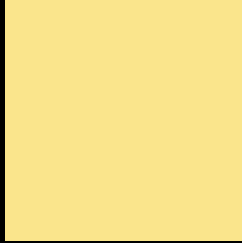
Large Text (above 18pt) WCAG AA × Fail

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 78.2561, 0.3869, 0.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

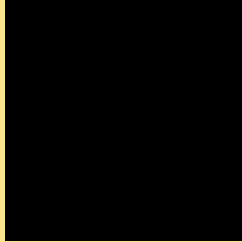
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2561, 0.3869, 0.4195

Background



This preview shows how black text looks on a background with the Yxy color 78.2561, 0.3869, 0.4195.



This preview shows how white text looks on a background with the Yxy color 78.2561, 0.3869, 0.4195.

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

78.2561, 0.3869, 0.4195

Protanopia

78.2561, 0.3869, 0.4195

Deuteranopia

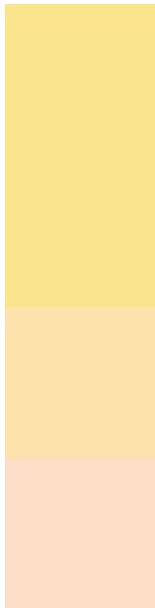
78.2890, 0.3586, 0.3637



Tritanopia

78.3869, 0.3284, 0.3151

Trichromacy



Original Color

78.2561, 0.3869, 0.4195

Protanomaly

78.2561, 0.3869, 0.4195

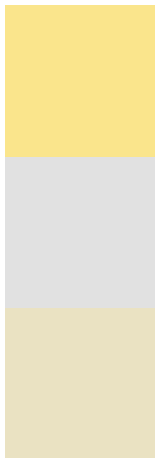
Deuteranomaly

78.2539, 0.3691, 0.3844

Tritanomaly

77.8281, 0.3503, 0.3526

Monochromacy



Original Color

78.2561, 0.3869, 0.4195

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7802, 0.3398, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2561, 0.3869, 0.4195 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(250, 229, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 140)  
}
```

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(250, 229, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 140) }
```

Border

The CSS property to change the border of an element to Yxy 78.2561, 0.3869, 0.4195 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(250, 229, 140) }
```

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

```
.border{ border-color:rgb(250, 229, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 229, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 229, 140); box-shadow:4px 4px 4px 4px rgb(250, 229, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2561, 0.3869, 0.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 140) }
```

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

```
.background{ background-color: rgb(250,  
229, 140) }
```

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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