

Converting Colors

$Yxy(77.9306, 0.3516, 0.3814)$

Have a look what the booklet for
Yxy(77.9306, 0.3516, 0.3814)
contains.

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Color

Yxy(78.0661, 0.3514, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	EEE6B4
RGB	238, 230, 180
RGB Percent	93%, 90%, 71%
CMY	0.0666, 0.0980, 0.2942
CMYK	0.00, 0.03, 0.24, 0.07
HSL	52°, 63%, 82%
HSV	52°, 24%, 93%
XYZ	71.7938, 78.0661, 54.4481
YIQ	226.6920, 20.8180, -13.8540

Conversions

Conversions Part 2

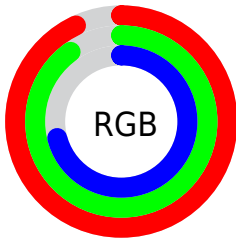
Format	Color
RYB	189, 238, 180
Decimal	15656628
CIELab	90.81, -5.03, 25.41
CIELCh	91, 25.902, 101.198
Yxy	78.0661, 0.3514, 0.3821
Android (android.graphics.Color)	4293846708 (0xFFEEE6B4)
YUV	226.6920, -23.0192, 9.9171
Hunter-Lab	88.3550, -9.5792, 25.3115

Details

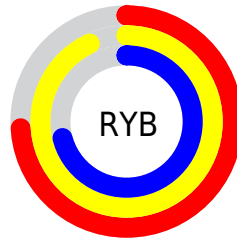
The Yxy color **78.0661, 0.3514, 0.3821** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.8273, 0.2717, 0.2697**, and the grayscale version is **76.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **42.1373, 0.3601, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **75.3727, 0.3682, 0.4041**, and if you desaturate by 10%, it is **80.9675, 0.3350, 0.3599**.

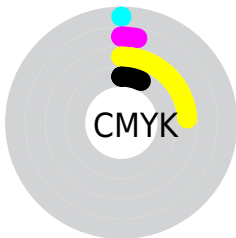
Distribution



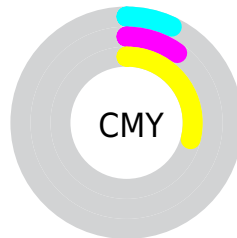
- Red (93%)
- Green (90%)
- Blue (71%)



- Red (74%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0661, 0.3514, 0.3821 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 78.0661, 0.3514, 0.3821 by changing the saturation by 10% instead.


 78.0661, 0.3514,
0.3821

 78.0661, 0.3514,
0.3821


488.3913, 0.3340,
0.3577

 58.1283, 0.3552,
0.3876


 130.6433, 0.3455,
0.3737

 41.9118, 0.3599,
0.3944

164.0515, 0.3431,
0.3704

 29.0322, 0.3657,
0.4028


202.7185, 0.3411,
0.3675

 19.1052, 0.3730,
0.4137

247.0289, 0.3393,
0.3651

 11.7463, 0.3824,
0.4282

297.3670, 0.3377,
0.3629

 6.5712, 0.3949,
0.4482

354.1171, 0.3363,

 3.1954, 0.4125,

0.3610

0.4780

417.6638, 0.3351,
0.3592

■ 1.2346, 0.4541,
0.5459

■ 0.0897, 0.0000,
1.0000

■ 78.0661, 0.3514,
0.3821

■ 78.0661, 0.3514,
0.3821

■ 75.3727, 0.3682,
0.4041

■ 80.9675, 0.3350,
0.3599

■ 72.8679, 0.3849,
0.4252

■ 84.0743, 0.3193,
0.3382

■ 70.5460, 0.4007,
0.4443

■ 87.3978, 0.3046,
0.3175

■ 68.3964, 0.4151,
0.4604

■ 89.5767, 0.3024,
0.3172

66.4074, 0.4273,
0.4726

91.5593, 0.3024,
0.3205

64.5656, 0.4369,
0.4803

93.5771, 0.3024,
0.3237

62.8543, 0.4435,
0.4835

95.6304, 0.3024,
0.3270

61.9364, 0.4463,
0.4838

96.9182, 0.3023,
0.3290

Harmonies

Analogous

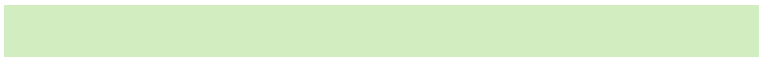
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0661, 0.3698, 0.3687



78.0661, 0.3514, 0.3821



78.0661, 0.3230, 0.3806

Triad

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



78.0661, 0.3514, 0.3821



78.0661, 0.2565, 0.3072



78.0661, 0.3311, 0.2981

Complementary

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



78.0661, 0.3514, 0.3821



51.8273, 0.2717, 0.2697

Split Complementary

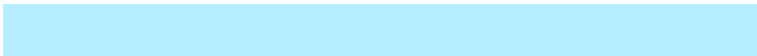
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0661, 0.3001, 0.2831



78.0661, 0.3514, 0.3821



78.0661, 0.2582, 0.2870

Square

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



78.0661, 0.3514, 0.3821



78.0661, 0.2688, 0.3353



78.0661, 0.2738, 0.2788



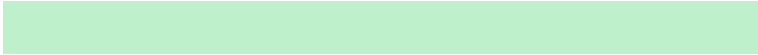
78.0661, 0.3581, 0.3206

Rectangle

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



78.0661, 0.3514, 0.3821



78.0661, 0.3026, 0.3705



78.0661, 0.2738, 0.2788



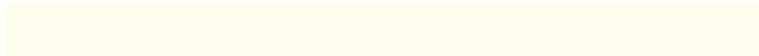
78.0661, 0.3207, 0.2921

Sweetspot

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



78.0696, 0.3514, 0.3821



97.3434, 0.3233, 0.3439



54.4693, 0.3562, 0.3195



20.7877, 0.3243, 0.3452



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.



78.0696, 0.3514, 0.3821



89.7863, 0.3593, 0.3926



79.3049, 0.3351, 0.3929



18.0657, 0.3272, 0.3492



34.6948, 0.4459, 0.4842



2.9877, 0.4418, 0.4874

Inverse Universe

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



51.8273, 0.2717, 0.2697



54.4175, 0.2627, 0.2562



51.1229, 0.2859, 0.2627



15.5800, 0.2980, 0.3080



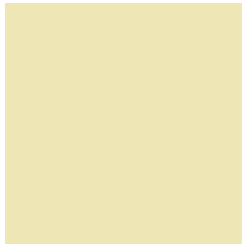
4.1524, 0.1530, 0.0709



0.4544, 0.1583, 0.0899

Previews

White Background



This preview shows how the Yxy color 78.0661, 0.3514, 0.3821 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 78.0661, 0.3514, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

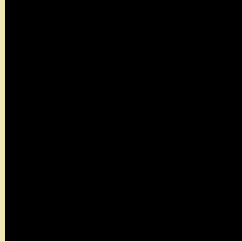
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

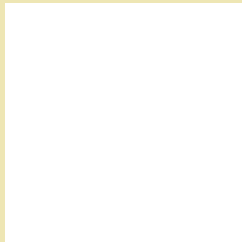
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0661, 0.3514, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 78.0661, 0.3514, 0.3821.



This preview shows how white text looks on a background with the Yxy color 78.0661, 0.3514, 0.3821.

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

78.0661, 0.3514, 0.3821

Protanopia

77.7962, 0.3563, 0.3805

Deuteranopia

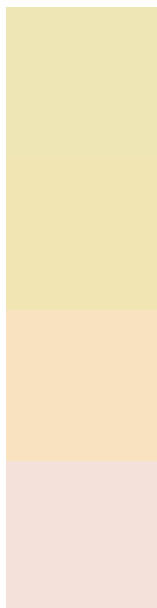
78.1589, 0.3525, 0.3535



Tritanopia

78.0674, 0.3184, 0.3119

Trichromacy



Original Color

78.0661, 0.3514, 0.3821

Protanomaly

77.9941, 0.3545, 0.3817

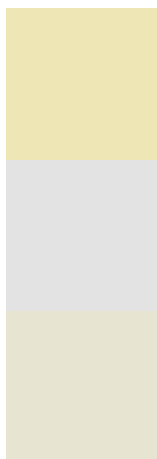
Deuteranomaly

78.3382, 0.3523, 0.3642

Tritanomaly

77.9671, 0.3301, 0.3363

Monochromacy



Original Color

78.0661, 0.3514, 0.3821

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.1289, 0.3265, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0661, 0.3514, 0.3821 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(238, 230, 180)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 180)  
}
```

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(238, 230, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 180) }
```

Border

The CSS property to change the border of an element to Yxy 78.0661, 0.3514, 0.3821 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(238, 230, 180) }
```

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

```
.border{ border-color:rgb(238, 230, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 180);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0661, 0.3514, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 180) }
```

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

```
.background{ background-color: rgb(238,  
230, 180) }
```

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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