

Converting Colors

$Y_{xy}(141.0060, 0.4965, 0.3532)$

Have a look what the booklet for
Yxy(141.0060, 0.4965, 0.3532)
contains.

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Color

Yxy(78.4057, 0.3654, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B4
RGB	255, 225, 180
RGB Percent	100%, 88%, 71%
CMY	0.0000, 0.1176, 0.2942
CMYK	0.00, 0.12, 0.29, 0.00
HSL	36°, 100%, 85%
HSV	36°, 29%, 100%
XYZ	76.3985, 78.4057, 54.2777
YIQ	228.8400, 32.3250, -7.6350

Conversions

Conversions Part 2

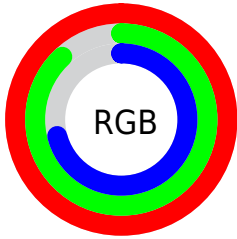
Format	Color
R _Y B	230, 255, 180
Decimal	16769460
CIE Lab	90.96, 3.84, 25.84
CIE LCh	91, 26.125, 81.554
Yxy	78.4057, 0.3654, 0.3750
Android (android.graphics.Color)	4294959540 (0xFFFFE1B4)
YUV	228.8400, -24.0781, 22.9423
Hunter-Lab	88.5470, -0.9471, 25.6392

Details

The Yxy color **78.4057, 0.3654, 0.3750** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.9938, 0.2645, 0.2781**, and the grayscale version is **78.3938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **42.1521, 0.3768, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **72.1170, 0.3870, 0.3910**, and if you desaturate by 10%, it is **85.2217, 0.3456, 0.3588**.

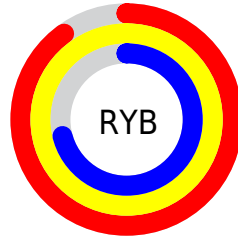
Distribution



Red (100%)

Green (88%)

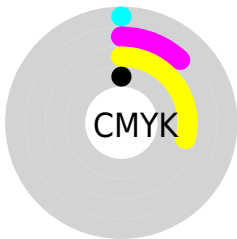
Blue (71%)



Red (90%)

Yellow (100%)

Blue (71%)

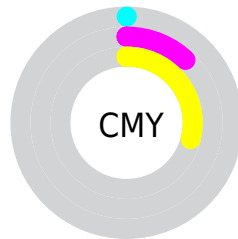


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.4057, 0.3654, 0.3750 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 78.4057, 0.3654, 0.3750 by changing the saturation by 10% instead.


 78.4057, 0.3654,
0.3750

 78.4057, 0.3654,
0.3750

489.5435, 0.3414,
0.3543

 58.4073, 0.3708,
0.3795


 131.1219, 0.3572,
0.3680

 42.1362, 0.3773,
0.3850


164.6084, 0.3539,
0.3652

 29.2079, 0.3855,
0.3918


203.3599, 0.3511,
0.3628

 19.2382, 0.3959,
0.4003

247.7605, 0.3487,
0.3607

 11.8425, 0.4095,
0.4113

298.1948, 0.3465,
0.3588

 6.6365, 0.4280,
0.4257

355.0472, 0.3446,

 3.2358, 0.4550,

0.3572

0.4457

418.7019, 0.3429,
0.3557

■ 1.2561, 0.5117,
0.4883

■ 0.1068, 0.6463,
0.3537

■ 78.4057, 0.3654,
0.3750

■ 78.4057, 0.3654,
0.3750

■ 72.1170, 0.3870,
0.3910

■ 85.2217, 0.3456,
0.3588

■ 66.3285, 0.4099,
0.4062

■ 92.5693, 0.3278,
0.3431

■ 61.0265, 0.4335,
0.4193

99.9976, 0.3127,
0.3290

■ 56.1923, 0.4569,
0.4293

■ 51.8048, 0.4786,
0.4349

■ 47.8405, 0.4975,
0.4353

■ 44.2658, 0.5130,
0.4305

■ 44.0666, 0.5139,
0.4302

Harmonies

Analogous

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



78.4057, 0.3740, 0.3547



78.4057, 0.3654, 0.3750



78.4057, 0.3425, 0.3839

Triad

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



78.4057, 0.3654, 0.3750



78.4057, 0.2627, 0.3251



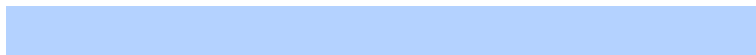
78.4057, 0.3106, 0.2869

Complementary

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



78.4057, 0.3654, 0.3750



62.9938, 0.2645, 0.2781

Split Complementary

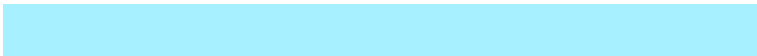
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.4057, 0.2817, 0.2786



78.4057, 0.3654, 0.3750



78.4057, 0.2551, 0.2988

Square

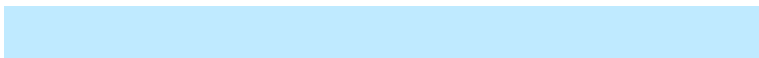
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4057, 0.3654, 0.3750



78.4057, 0.2833, 0.3544



78.4057, 0.2618, 0.2824



78.4057, 0.3415, 0.3051

Rectangle

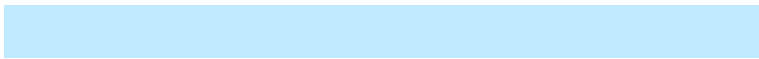
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4057, 0.3654, 0.3750



78.4057, 0.3227, 0.3809



78.4057, 0.2618, 0.2824



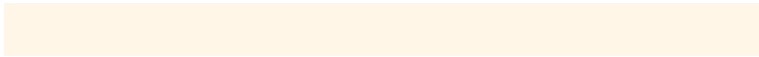
78.4057, 0.3004, 0.2829

Sweetspot

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



78.4093, 0.3654, 0.3750



92.8959, 0.3271, 0.3425



58.5462, 0.3524, 0.2982



19.6468, 0.3295, 0.3447



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.



78.4093, 0.3654, 0.3750



74.8399, 0.3772, 0.3840



94.6696, 0.3522, 0.4041



19.8012, 0.3279, 0.3433



23.3284, 0.5119, 0.4318



2.4853, 0.4984, 0.4424

Inverse Universe

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



62.9938, 0.2645, 0.2781



57.2690, 0.2547, 0.2667



50.4813, 0.2657, 0.2440



18.5691, 0.2979, 0.3143



9.0015, 0.1683, 0.1257



1.0832, 0.1745, 0.1481

Previews

White Background



This preview shows how the Yxy color 78.4057, 0.3654, 0.3750 looks on a white background.

Color Contrast Check

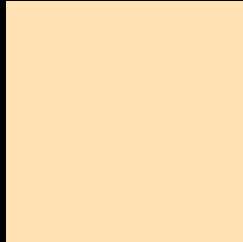
Large Text (above 18pt) WCAG AA × Fail

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 78.4057, 0.3654, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

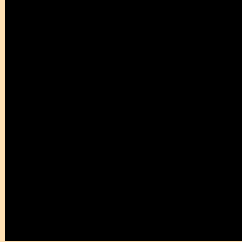
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4057, 0.3654, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 78.4057, 0.3654, 0.3750.



This preview shows how white text looks on a background with the Yxy color 78.4057, 0.3654, 0.3750.

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

78.4057, 0.3654, 0.3750

Protanopia

78.6491, 0.3547, 0.3782

Deuteranopia

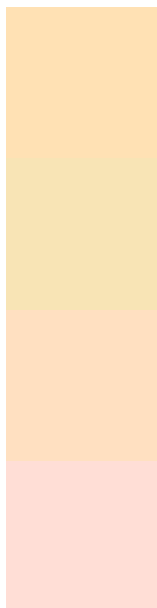
78.2055, 0.3518, 0.3525



Tritanopia

78.3296, 0.3291, 0.3161

Trichromacy



Original Color

78.4057, 0.3654, 0.3750

Protanomaly

78.7795, 0.3586, 0.3777

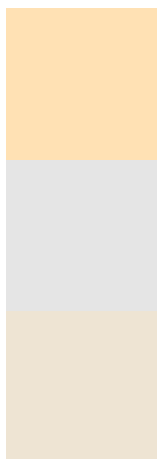
Deuteranomaly

78.4216, 0.3565, 0.3606

Tritanomaly

78.3576, 0.3421, 0.3372

Monochromacy



Original Color

78.4057, 0.3654, 0.3750

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.3671, 0.3309, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4057, 0.3654, 0.3750 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(255, 225, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 180) }
```

Border

The CSS property to change the border of an element to Yxy 78.4057, 0.3654, 0.3750 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(255, 225, 180) }
```

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

```
.border{ border-color:rgb(255, 225, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4057, 0.3654, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 180) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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