

Converting Colors

$Y_{xy}(78.4493, 0.3543, 0.3572)$

Have a look what the booklet for
Yxy(78.4493, 0.3543, 0.3572)
contains.

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Color

Yxy(78.5568, 0.3544, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C4
RGB	255, 224, 196
RGB Percent	100%, 88%, 77%
CMY	0.0000, 0.1215, 0.2315
CMYK	0.00, 0.12, 0.23, 0.00
HSL	29°, 100%, 88%
HSV	29°, 23%, 100%
XYZ	77.8538, 78.5568, 63.2672
YIQ	230.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

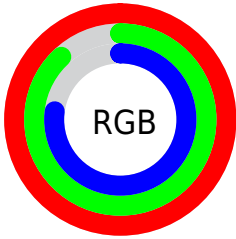
Format	Color
R _Y B	255, 249, 196
Decimal	16769220
CIE Lab	91.03, 6.47, 17.65
CIE LCh	91, 18.798, 69.853
Yxy	78.5568, 0.3544, 0.3576
Android (android.graphics.Color)	4294959300 (0xFFFFE0C4)
YUV	230.0770, -16.8000, 21.8575
Hunter-Lab	88.6323, 1.6864, 19.7204

Details

The Yxy color **78.5568, 0.3544, 0.3576** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8624, 0.2759, 0.2986**, and the grayscale version is **79.3021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **42.3347, 0.3645, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **70.5824, 0.3767, 0.3706**, and if you desaturate by 10%, it is **87.3020, 0.3347, 0.3448**.

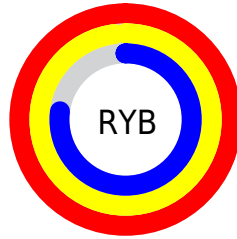
Distribution



Red (100%)

Green (88%)

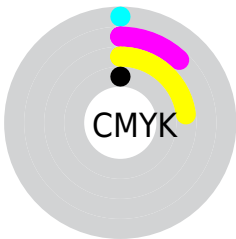
Blue (77%)



Red (100%)

Yellow (98%)

Blue (77%)

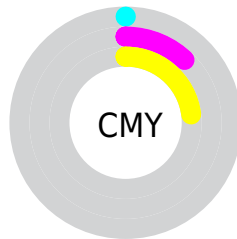


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5568, 0.3544, 0.3576 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 78.5568, 0.3544, 0.3576 by changing the saturation by 10% instead.


 78.5568, 0.3544,
0.3576

 78.5568, 0.3544,
0.3576


490.0557, 0.3353,
0.3448

 58.5315, 0.3587,
0.3604


131.3347, 0.3478,
0.3533

 42.2361, 0.3640,
0.3638


164.8562, 0.3452,
0.3515

 29.2862, 0.3707,
0.3680


203.6451, 0.3430,
0.3500

 19.2974, 0.3793,
0.3734

248.0858, 0.3411,
0.3487

 11.8854, 0.3908,
0.3804

298.5629, 0.3394,
0.3476

 6.6657, 0.4071,
0.3897

355.4607, 0.3378,

 3.2539, 0.4312,

0.3466

0.4027

419.1635, 0.3365,
0.3456

1.2657, 0.5096,
0.4558

0.1144, 0.6999,
0.3001

78.5568, 0.3544,
0.3576

78.5568, 0.3544,
0.3576

70.5824, 0.3767,
0.3706

87.3020, 0.3347,
0.3448

63.3451, 0.4017,
0.3834

96.8291, 0.3176,
0.3327

56.8243, 0.4290,
0.3950

99.9980, 0.3127,
0.3290

50.9940, 0.4577,
0.4044

■ 45.8263, 0.4866,
0.4102

■ 41.2904, 0.5138,
0.4112

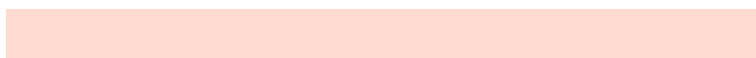
■ 37.3515, 0.5373,
0.4065

■ 34.9688, 0.5510,
0.4007

Harmonies

Analogous

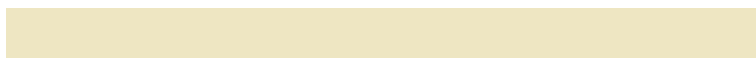
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5568, 0.3556, 0.3411



78.5568, 0.3544, 0.3576



78.5568, 0.3417, 0.3672

Triad

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



78.5568, 0.3544, 0.3576



78.5568, 0.2814, 0.3348



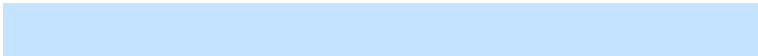
78.5568, 0.3028, 0.2948

Complementary

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



78.5568, 0.3544, 0.3576



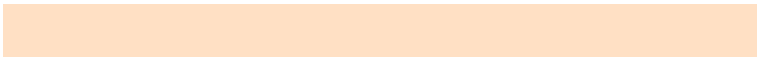
73.8624, 0.2759, 0.2986

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.



78.5568, 0.2837, 0.2923



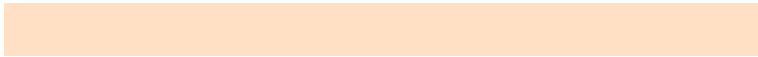
78.5568, 0.3544, 0.3576



78.5568, 0.2717, 0.3144

Square

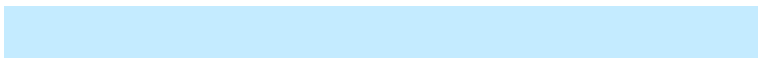
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5568, 0.3544, 0.3576



78.5568, 0.2994, 0.3541



78.5568, 0.2725, 0.2991



78.5568, 0.3252, 0.3057

Rectangle

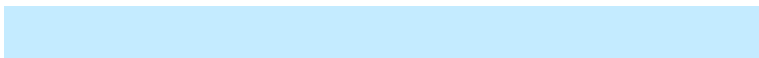
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5568, 0.3544, 0.3576



78.5568, 0.3287, 0.3678



78.5568, 0.2725, 0.2991



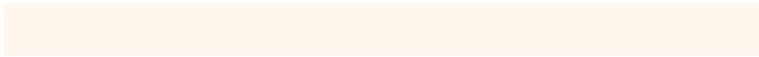
78.5568, 0.2958, 0.2930

Sweetspot

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



78.5604, 0.3544, 0.3576



93.0703, 0.3239, 0.3373



66.2967, 0.3358, 0.2972



19.7969, 0.3250, 0.3380



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.



78.5604, 0.3544, 0.3576



74.5997, 0.3649, 0.3639



95.5069, 0.3482, 0.3852



19.4106, 0.3282, 0.3403



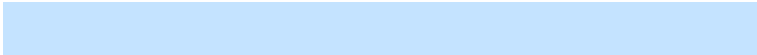
18.5679, 0.5484, 0.4028



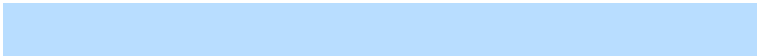
2.0248, 0.5298, 0.4175

Inverse Universe

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



73.8624, 0.2759, 0.2986



69.1146, 0.2680, 0.2912



59.3125, 0.2733, 0.2658



18.9558, 0.2979, 0.3174



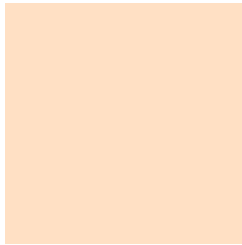
12.9610, 0.1794, 0.1658



1.4808, 0.1849, 0.1856

Previews

White Background



This preview shows how the Yxy color 78.5568, 0.3544, 0.3576 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 78.5568, 0.3544, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

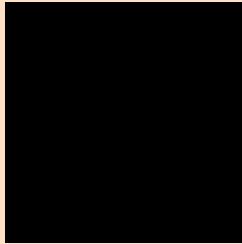
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.5568, 0.3544, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 78.5568, 0.3544, 0.3576.

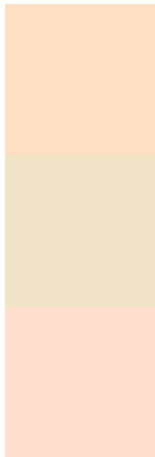


This preview shows how white text looks on a background with the Yxy color 78.5568, 0.3544, 0.3576.

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

78.5568, 0.3544, 0.3576

Protanopia

78.8166, 0.3417, 0.3615

Deuteranopia

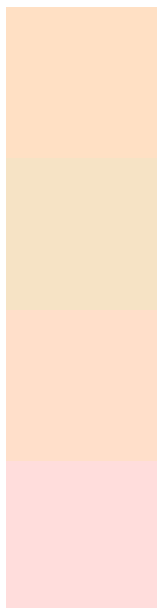
78.4916, 0.3475, 0.3463



Tritanopia

78.3869, 0.3284, 0.3151

Trichromacy



Original Color

78.5568, 0.3544, 0.3576

Protanomaly

78.5622, 0.3464, 0.3602

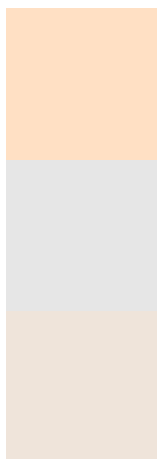
Deuteranomaly

78.2996, 0.3504, 0.3504

Tritanomaly

78.1402, 0.3380, 0.3301

Monochromacy



Original Color

78.5568, 0.3544, 0.3576

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.8995, 0.3269, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5568, 0.3544, 0.3576 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, 224, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 196)  
}
```

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, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 196) }
```

Border

The CSS property to change the border of an element to Yxy 78.5568, 0.3544, 0.3576 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, 224, 196) }
```

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

```
.border{ border-color:rgb(255, 224, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 196); box-shadow:4px 4px 4px 4px rgb(255, 224, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5568, 0.3544, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 196) }
```

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

```
.background{ background-color: rgb(255,  
224, 196) }
```

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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