

Converting Colors

$Y_{xy}(78.5532, 0.3524, 0.3543)$

Have a look what the booklet for
Yxy(78.5532, 0.3524, 0.3543)
contains.

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Color

Yxy(78.6948, 0.3523, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C7
RGB	255, 224, 199
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1216, 0.2197
CMYK	0.00, 0.12, 0.22, 0.00
HSL	27°, 100%, 89%
HSV	27°, 22%, 100%
XYZ	78.2064, 78.6948, 65.0869
YIQ	230.4190, 26.5010, -1.2030

Conversions

Conversions Part 2

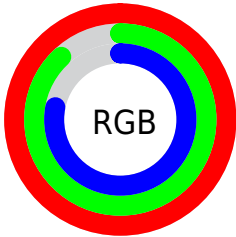
Format	Color
R_{YB}	255, 244, 199
Decimal	16769223
CIE _{Lab}	91.10, 6.91, 16.17
CIE _{LCh}	91, 17.586, 66.863
Yxy	78.6948, 0.3523, 0.3545
Android (android.graphics.Color)	4294959303 (0xFFFFE0C7)
YUV	230.4190, -15.4896, 21.5575
Hunter-Lab	88.7101, 2.1222, 18.5958

Details

The Yxy color **78.6948, 0.3523, 0.3545** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9399, 0.2780, 0.3021**, and the grayscale version is **79.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4260, 0.3617, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **70.3363, 0.3747, 0.3668**, and if you desaturate by 10%, it is **87.8825, 0.3327, 0.3425**.

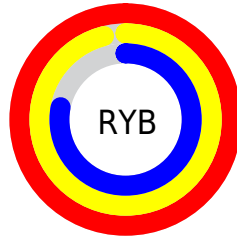
Distribution



Red (100%)

Green (88%)

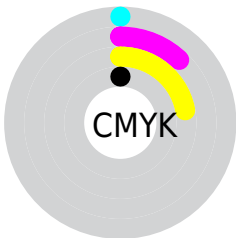
Blue (78%)



Red (100%)

Yellow (96%)

Blue (78%)

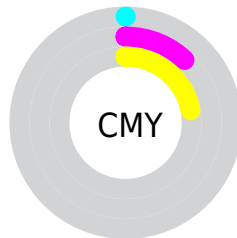


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6948, 0.3523, 0.3545 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 78.6948, 0.3523, 0.3545 by changing the saturation by 10% instead.


 78.6948, 0.3523,
0.3545

 78.6948, 0.3523,
0.3545

490.5233, 0.3341,
0.3431

 58.6449, 0.3564,
0.3570


131.5291, 0.3460,
0.3506

 42.3273, 0.3614,
0.3600


165.0823, 0.3436,
0.3491

 29.3577, 0.3678,
0.3638


203.9054, 0.3415,
0.3478

 19.3516, 0.3760,
0.3686

248.3828, 0.3396,
0.3466

 11.9246, 0.3871,
0.3748

298.8989, 0.3380,
0.3456

 6.6924, 0.4026,
0.3831

355.8381, 0.3366,

 3.2705, 0.4260,

0.3447

0.3947

419.5847, 0.3353,
0.3438

1.2745, 0.4928,
0.4364

0.1213, 0.7007,
0.2993

78.6948, 0.3523,
0.3545

78.6948, 0.3523,
0.3545

70.3363, 0.3747,
0.3668

87.8825, 0.3327,
0.3425

62.7798, 0.4000,
0.3789

97.9212, 0.3158,
0.3312

55.9997, 0.4279,
0.3900

100.0000, 0.3127,
0.3290

49.9675, 0.4578,
0.3991

■ 44.6528, 0.4881,
0.4047

■ 40.0226, 0.5171,
0.4057

■ 36.0393, 0.5424,
0.4011

■ 33.2731, 0.5594,
0.3940

Harmonies

Analogous

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



78.6948, 0.3522, 0.3387



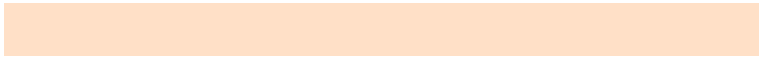
78.6948, 0.3523, 0.3545



78.6948, 0.3414, 0.3642

Triad

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



78.6948, 0.3523, 0.3545



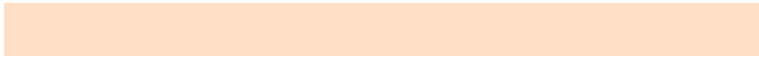
78.6948, 0.2848, 0.3364



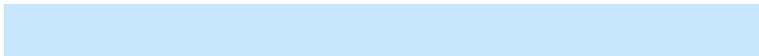
78.6948, 0.3014, 0.2964

Complementary

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



78.6948, 0.3523, 0.3545



75.9399, 0.2780, 0.3021

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.



78.6948, 0.2841, 0.2949



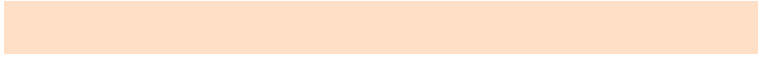
78.6948, 0.3523, 0.3545



78.6948, 0.2748, 0.3172

Square

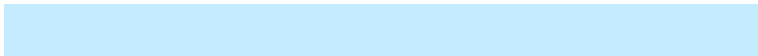
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6948, 0.3523, 0.3545



78.6948, 0.3023, 0.3540



78.6948, 0.2745, 0.3022



78.6948, 0.3223, 0.3058

Rectangle

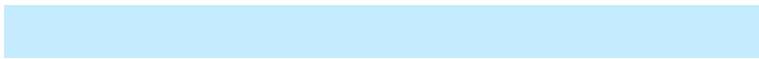
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.6948, 0.3523, 0.3545



78.6948, 0.3297, 0.3654



78.6948, 0.2745, 0.3022



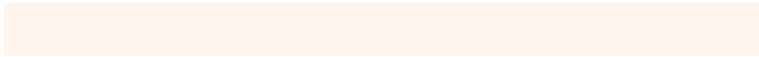
78.6948, 0.2950, 0.2949

Sweetspot

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



78.6954, 0.3523, 0.3545



92.7626, 0.3240, 0.3368



67.8513, 0.3330, 0.2971



19.7257, 0.3250, 0.3375



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.



78.6954, 0.3523, 0.3545



75.2275, 0.3610, 0.3594



94.5428, 0.3467, 0.3806



19.3229, 0.3283, 0.3397



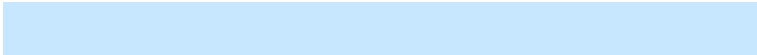
17.6735, 0.5567, 0.3962



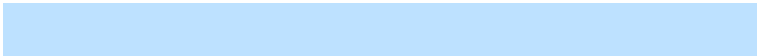
1.9349, 0.5372, 0.4117

Inverse Universe

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



75.9399, 0.2780, 0.3021



72.0592, 0.2715, 0.2964



61.9363, 0.2757, 0.2716



19.0445, 0.2979, 0.3181



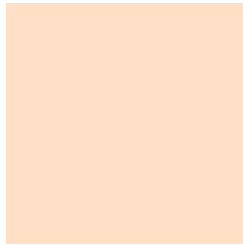
14.0440, 0.1821, 0.1756



1.5856, 0.1874, 0.1945

Previews

White Background



This preview shows how the Yxy color 78.6948, 0.3523, 0.3545 looks on a white background.

Color Contrast Check

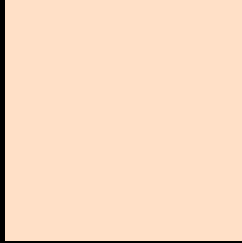
Large Text (above 18pt) WCAG AA × Fail

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 78.6948, 0.3523, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

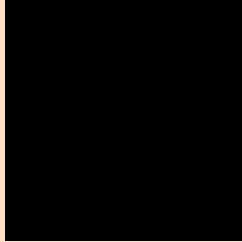
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6948, 0.3523, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 78.6948, 0.3523, 0.3545.



This preview shows how white text looks on a background with the Yxy color 78.6948, 0.3523, 0.3545.

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

78.6948, 0.3523, 0.3545

Protanopia

78.7809, 0.3389, 0.3584

Deuteranopia

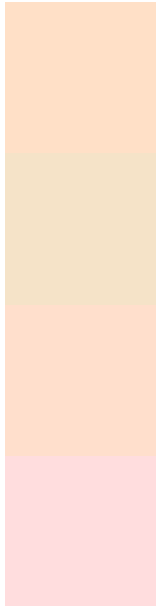
78.5403, 0.3468, 0.3453



Tritanopia

78.4446, 0.3277, 0.3142

Trichromacy



Original Color

78.6948, 0.3523, 0.3545

Protanomaly

78.5208, 0.3436, 0.3571

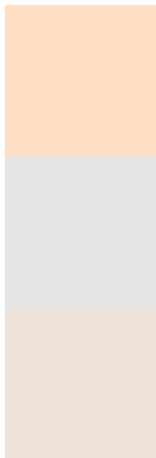
Deuteranomaly

78.3950, 0.3489, 0.3484

Tritanomaly

78.2468, 0.3366, 0.3281

Monochromacy



Original Color

78.6948, 0.3523, 0.3545

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9520, 0.3263, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6948, 0.3523, 0.3545 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 199) }
```

Border

The CSS property to change the border of an element to Yxy 78.6948, 0.3523, 0.3545 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, 199) }
```

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

```
.border{ border-color:rgb(255, 224, 199) }
```

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, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6948, 0.3523, 0.3545 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
224, 199) }
```

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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