

Converting Colors

$Y_{xy}(77.6007, 0.3545, 0.3554)$

Have a look what the booklet for
Yxy(77.6007, 0.3545, 0.3554)
contains.

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Color

Yxy(77.4881, 0.3548, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEC4
RGB	255, 222, 196
RGB Percent	100%, 87%, 77%
CMY	0.0002, 0.1293, 0.2314
CMYK	0.00, 0.13, 0.23, 0.00
HSL	26°, 100%, 88%
HSV	26°, 23%, 100%
XYZ	77.3138, 77.4881, 63.1062
YIQ	228.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

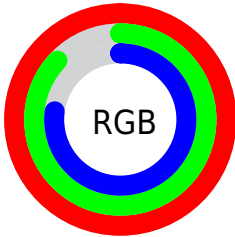
Format	Color
R _Y B	255, 242, 196
Decimal	16768708
CIE Lab	90.55, 7.49, 16.95
CIE LCh	91, 18.531, 66.153
Yxy	77.4881, 0.3548, 0.3556
Android (android.graphics.Color)	4294958788 (0xFFFFDEC4)
YUV	228.9030, -16.2212, 22.8871
Hunter-Lab	88.0273, 2.7275, 19.1145

Details

The Yxy color **77.4881, 0.3548, 0.3556** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9584, 0.2761, 0.3008**, and the grayscale version is **78.3850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **41.5962, 0.3652, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **69.1769, 0.3776, 0.3678**, and if you desaturate by 10%, it is **86.6429, 0.3349, 0.3437**.

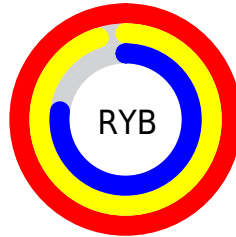
Distribution



Red (100%)

Green (87%)

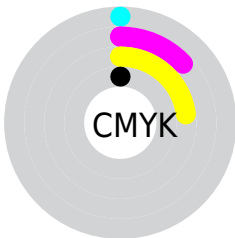
Blue (77%)



Red (100%)

Yellow (95%)

Blue (77%)

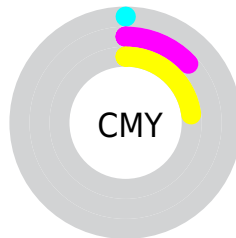


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4881, 0.3548, 0.3556 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 77.4881, 0.3548, 0.3556 by changing the saturation by 10% instead.

 77.4881, 0.3548,
0.3556

 77.4881, 0.3548,
0.3556

486.4266, 0.3354,
0.3437

 57.6536, 0.3592,
0.3582

129.8283, 0.3481,
0.3516

 41.5302, 0.3646,
0.3614


163.1027, 0.3455,
0.3500

 28.7336, 0.3714,
0.3653

201.6258, 0.3432,
0.3486

 18.8794, 0.3802,
0.3702

245.7821, 0.3413,
0.3474

 11.5832, 0.3921,
0.3767

295.9559, 0.3396,
0.3463

 6.4605, 0.4088,
0.3853

352.5317, 0.3380,

 3.1271, 0.4339,

0.3453

0.3971

415.8938, 0.3367,
0.3445

■ 1.1984, 0.5175,
0.4501

■ 0.0604, 0.7991,
0.2009

■ 77.4881, 0.3548,
0.3556

■ 77.4881, 0.3548,
0.3556

■ 69.1769, 0.3776,
0.3678

■ 86.6429, 0.3349,
0.3437

■ 61.6731, 0.4034,
0.3797

■ 96.6551, 0.3176,
0.3324

■ 54.9529, 0.4318,
0.3905

■ 99.9923, 0.3127,
0.3290

■ 48.9875, 0.4620,
0.3991

■ 43.7455, 0.4926,
0.4041

■ 39.1928, 0.5215,
0.4044

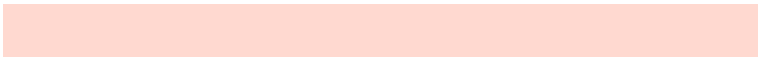
■ 35.2908, 0.5465,
0.3991

■ 32.9558, 0.5610,
0.3927

Harmonies

Analogous

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



77.4881, 0.3545, 0.3387



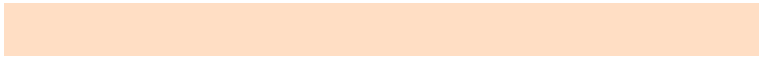
77.4881, 0.3548, 0.3556



77.4881, 0.3435, 0.3661

Triad

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



77.4881, 0.3548, 0.3556



77.4881, 0.2835, 0.3373



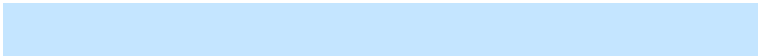
77.4881, 0.3002, 0.2944

Complementary

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



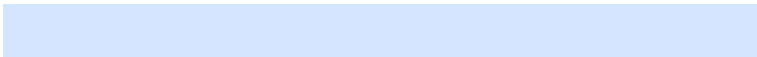
77.4881, 0.3548, 0.3556



74.9584, 0.2761, 0.3008

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.



77.4881, 0.2821, 0.2930



77.4881, 0.3548, 0.3556



77.4881, 0.2727, 0.3169

Square

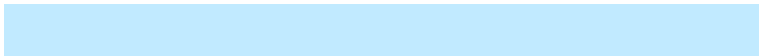
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4881, 0.3548, 0.3556



77.4881, 0.3022, 0.3559



77.4881, 0.2722, 0.3009



77.4881, 0.3224, 0.3042

Rectangle

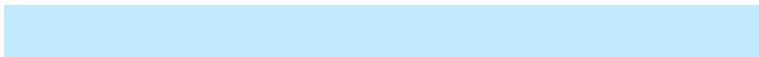
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4881, 0.3548, 0.3556



77.4881, 0.3312, 0.3677



77.4881, 0.2722, 0.3009



77.4881, 0.2935, 0.2929

Sweetspot

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



77.4916, 0.3548, 0.3556



92.7048, 0.3240, 0.3367



66.4129, 0.3343, 0.2953



19.7123, 0.3250, 0.3374



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.



77.4916, 0.3548, 0.3556



73.3613, 0.3656, 0.3615



94.2501, 0.3486, 0.3834



19.3064, 0.3283, 0.3395



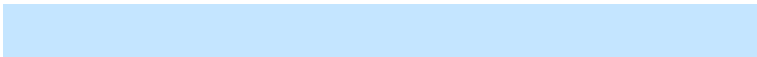
17.5124, 0.5582, 0.3950



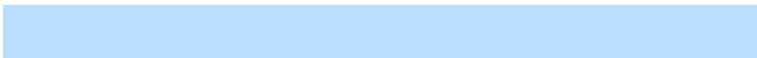
1.9185, 0.5386, 0.4106

Inverse Universe

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



74.9584, 0.2761, 0.3008



70.3981, 0.2683, 0.2940



60.2303, 0.2735, 0.2681



19.0612, 0.2979, 0.3182



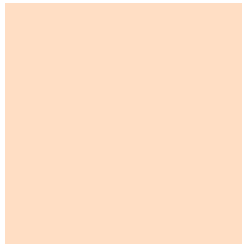
14.2559, 0.1826, 0.1774



1.6059, 0.1878, 0.1962

Previews

White Background



This preview shows how the Yxy color 77.4881, 0.3548, 0.3556 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 77.4881, 0.3548, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

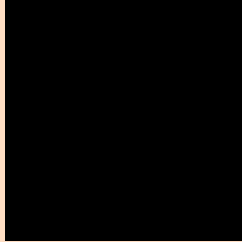
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4881, 0.3548, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 77.4881, 0.3548, 0.3556.

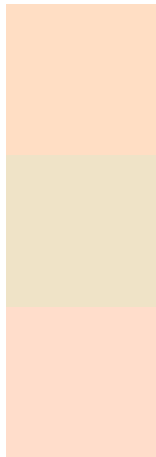


This preview shows how white text looks on a background with the Yxy color 77.4881, 0.3548, 0.3556.

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

77.4881, 0.3548, 0.3556

Protanopia

77.4124, 0.3399, 0.3586

Deuteranopia

77.2847, 0.3500, 0.3474



Tritanopia

77.2860, 0.3293, 0.3141

Trichromacy



Original Color

77.4881, 0.3548, 0.3556

Protanomaly

77.3401, 0.3453, 0.3572

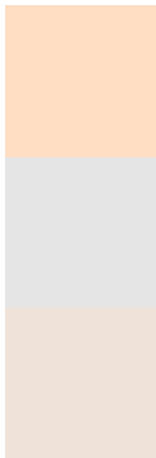
Deuteranomaly

77.1430, 0.3522, 0.3505

Tritanomaly

77.0903, 0.3383, 0.3281

Monochromacy



Original Color

77.4881, 0.3548, 0.3556

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5796, 0.3271, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4881, 0.3548, 0.3556 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, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 196) }
```

Border

The CSS property to change the border of an element to Yxy 77.4881, 0.3548, 0.3556 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, 222, 196) }
```

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

```
.border{ border-color:rgb(255, 222, 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, 222, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4881, 0.3548, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 196) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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