

Converting Colors

$Yxy(77.6304, 0.3548, 0.3468)$

Have a look what the booklet for
Yxy(77.6304, 0.3548, 0.3468)
contains.

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Color

Yxy(76.7107, 0.3510, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCCA
RGB	255, 220, 202
RGB Percent	100%, 86%, 79%
CMY	0.0000, 0.1373, 0.2078
CMYK	0.00, 0.14, 0.21, 0.00
HSL	20°, 100%, 90%
HSV	20°, 21%, 100%
XYZ	77.5056, 76.7107, 66.5974
YIQ	228.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

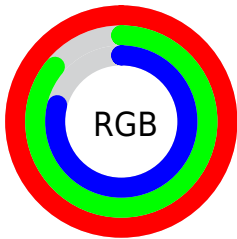
Format	Color
R _Y B	255, 229, 202
Decimal	16768202
CIE Lab	90.19, 9.42, 13.31
CIE LCh	90, 16.308, 54.720
Yxy	76.7107, 0.3510, 0.3474
Android (android.graphics.Color)	4294958282 (0xFFFFDCCA)
YUV	228.4130, -13.0216, 23.3168
Hunter-Lab	87.5846, 4.6856, 16.2264

Details

The Yxy color **76.7107, 0.3510, 0.3474** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3500, 0.2803, 0.3098**, and the grayscale version is **77.9786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0542, 0.3601, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **67.1956, 0.3745, 0.3569**, and if you desaturate by 10%, it is **87.3063, 0.3309, 0.3383**.

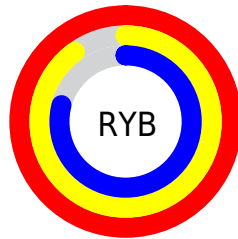
Distribution



Red (100%)

Green (86%)

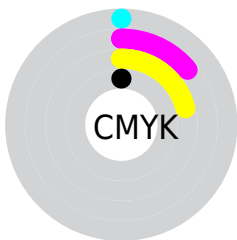
Blue (79%)



Red (100%)

Yellow (90%)

Blue (79%)

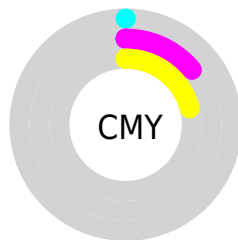


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7107, 0.3510, 0.3474 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 76.7107, 0.3510, 0.3474 by changing the saturation by 10% instead.


 76.7107, 0.3510,
0.3474

 76.7107, 0.3510,
0.3474


483.7771, 0.3333,
0.3392

 57.0155, 0.3550,
0.3492


128.7310, 0.3449,
0.3446

 41.0177, 0.3600,
0.3513


161.8249, 0.3425,
0.3435

 28.3329, 0.3663,
0.3540


200.1538, 0.3404,
0.3426

 18.5767, 0.3744,
0.3574

244.1021, 0.3386,
0.3417

 11.3648, 0.3855,
0.3617

294.0541, 0.3371,
0.3410

 6.3128, 0.4013,
0.3675

350.3944, 0.3357,

 3.0362, 0.4255,

0.3404

0.3755

413.5073, 0.3344,
0.3398

■ 1.1507, 0.4899,
0.4053

■ 0.0208, 0.9230,
0.0770

■ 76.7107, 0.3510,
0.3474

■ 76.7107, 0.3510,
0.3474

■ 67.1956, 0.3745,
0.3569

■ 87.3063, 0.3309,
0.3383

■ 58.7399, 0.4018,
0.3662

■ 99.0316, 0.3139,
0.3297

■ 51.3004, 0.4328,
0.3747

■ 100.0000, 0.3127,
0.3290

■ 44.8367, 0.4669,
0.3815

■ 39.3050, 0.5025,
0.3853

■ 34.6580, 0.5371,
0.3847

■ 30.8430, 0.5673,
0.3791

■ 28.0054, 0.5896,
0.3701

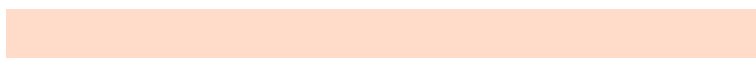
Harmonies

Analogous

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



76.7107, 0.3466, 0.3314



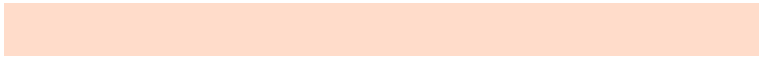
76.7107, 0.3510, 0.3474



76.7107, 0.3448, 0.3592

Triad

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



76.7107, 0.3510, 0.3474



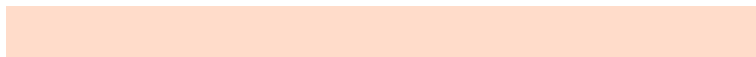
76.7107, 0.2926, 0.3430



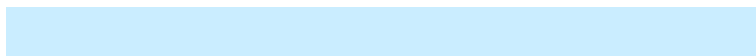
76.7107, 0.2950, 0.2969

Complementary

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



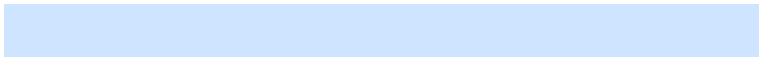
76.7107, 0.3510, 0.3474



80.3500, 0.2803, 0.3098

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.



76.7107, 0.2813, 0.2989



76.7107, 0.3510, 0.3474



76.7107, 0.2799, 0.3251

Square

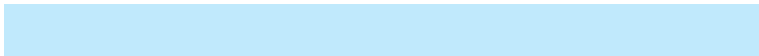
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7107, 0.3510, 0.3474



76.7107, 0.3108, 0.3572



76.7107, 0.2759, 0.3089



76.7107, 0.3137, 0.3029

Rectangle

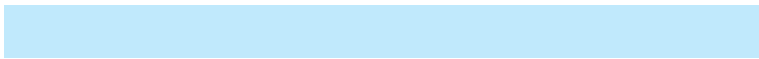
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7107, 0.3510, 0.3474



76.7107, 0.3356, 0.3629



76.7107, 0.2759, 0.3089



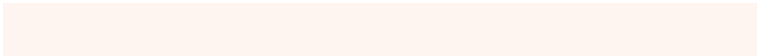
76.7107, 0.2896, 0.2966

Sweetspot

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



76.7058, 0.3510, 0.3474



92.7739, 0.3224, 0.3341



69.6348, 0.3278, 0.2938



19.6944, 0.3236, 0.3346



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.



76.7058, 0.3510, 0.3474



72.5659, 0.3604, 0.3514



91.5372, 0.3458, 0.3728



18.9948, 0.3286, 0.3371



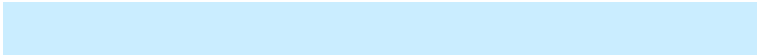
14.8803, 0.5866, 0.3725



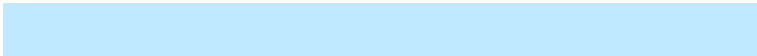
1.6418, 0.5647, 0.3898

Inverse Universe

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



80.3500, 0.2803, 0.3098



76.8106, 0.2738, 0.3055



66.2820, 0.2784, 0.2810



19.3819, 0.2980, 0.3207



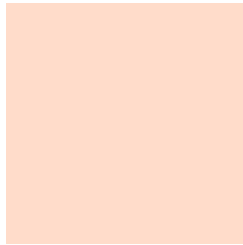
18.7787, 0.1927, 0.2137



2.0311, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 76.7107, 0.3510, 0.3474 looks on a white background.

Color Contrast Check

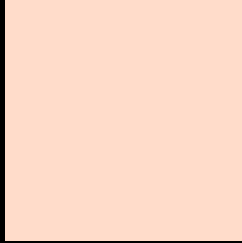
Large Text (above 18pt) WCAG AA × Fail

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 76.7107, 0.3510, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

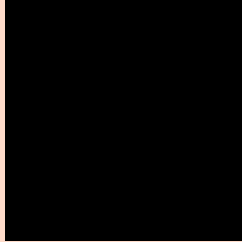
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7107, 0.3510, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 76.7107, 0.3510, 0.3474.

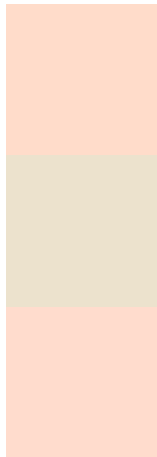


This preview shows how white text looks on a background with the Yxy color 76.7107, 0.3510, 0.3474.

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

76.7107, 0.3510, 0.3474

Protanopia

76.6334, 0.3337, 0.3513

Deuteranopia

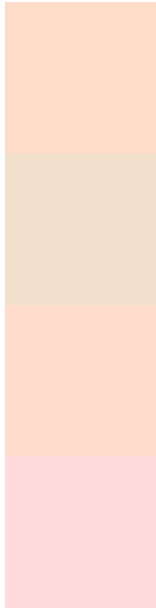
76.8542, 0.3488, 0.3443



Tritanopia

76.7119, 0.3301, 0.3141

Trichromacy



Original Color

76.7107, 0.3510, 0.3474

Protanomaly

76.7256, 0.3399, 0.3499

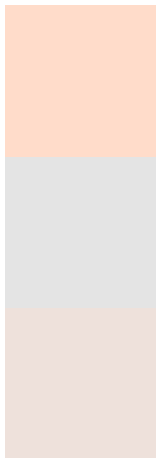
Deuteranomaly

76.8060, 0.3495, 0.3454

Tritanomaly

76.6233, 0.3377, 0.3261

Monochromacy



Original Color

76.7107, 0.3510, 0.3474

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1420, 0.3259, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7107, 0.3510, 0.3474 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, 220, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 202)  
}
```

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, 220, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 202) }
```

Border

The CSS property to change the border of an element to Yxy 76.7107, 0.3510, 0.3474 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, 220, 202) }
```

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

```
.border{ border-color:rgb(255, 220, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7107, 0.3510, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 202) }
```

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

```
.background{ background-color: rgb(255,  
220, 202) }
```

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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