

Converting Colors

$Y_{xy}(77.3035, 0.3476, 0.3435)$

Have a look what the booklet for
Yxy(77.3035, 0.3476, 0.3435)
contains.

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Color

Yxy(77.4779, 0.3472, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDCF
RGB	255, 221, 207
RGB Percent	100%, 87%, 81%
CMY	0.0000, 0.1333, 0.1883
CMYK	0.00, 0.13, 0.19, 0.00
HSL	18°, 100%, 91%
HSV	18°, 19%, 100%
XYZ	78.3581, 77.4779, 69.8497
YIQ	229.5700, 24.7580, 2.8540

Conversions

Conversions Part 2

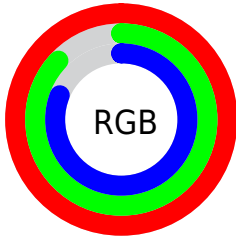
Format	Color
R _Y B	255, 227, 207
Decimal	16768463
CIE Lab	90.54, 9.60, 11.20
CIE LCh	91, 14.755, 49.389
Yxy	77.4779, 0.3472, 0.3433
Android (android.graphics.Color)	4294958543 (0xFFFFDDCF)
YUV	229.5700, -11.1270, 22.3021
Hunter-Lab	88.0215, 4.8657, 14.5653

Details

The Yxy color **77.4779, 0.3472, 0.3433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.3855, 0.2835, 0.3142**, and the grayscale version is **78.8679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.5781, 0.3551, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **67.3053, 0.3706, 0.3514**, and if you desaturate by 10%, it is **88.8838, 0.3275, 0.3355**.

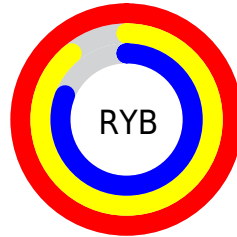
Distribution



Red (100%)

Green (87%)

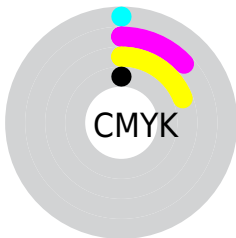
Blue (81%)



Red (100%)

Yellow (89%)

Blue (81%)

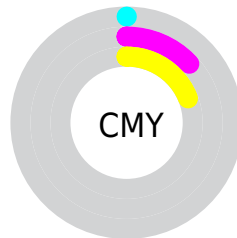


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4779, 0.3472, 0.3433 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 77.4779, 0.3472, 0.3433 by changing the saturation by 10% instead.


 77.4779, 0.3472,
0.3433

 77.4779, 0.3472,
0.3433


486.3919, 0.3313,
0.3370

 57.6452, 0.3508,
0.3447


129.8139, 0.3417,
0.3412

 41.5235, 0.3553,
0.3463


163.0859, 0.3396,
0.3403

 28.7283, 0.3609,
0.3484


201.6065, 0.3377,
0.3396

 18.8754, 0.3682,
0.3510

245.7601, 0.3361,
0.3389

 11.5803, 0.3782,
0.3543

295.9310, 0.3347,
0.3384

 6.4586, 0.3924,
0.3588

352.5037, 0.3334,

 3.1259, 0.4142,

0.3378

0.3649

415.8625, 0.3323,
0.3374

■ 1.1978, 0.4625,
0.3820

■ 0.0599, 0.8295,
0.1705

■ 77.4779, 0.3472,
0.3433

■ 77.4779, 0.3472,
0.3433

■ 67.3053, 0.3706,
0.3514

■ 88.8838, 0.3275,
0.3355

■ 58.3144, 0.3981,
0.3596

100.0000, 0.3127,
0.3290

■ 50.4639, 0.4298,
0.3671

■ 43.7066, 0.4653,
0.3731

■ 37.9917, 0.5030,
0.3766

■ 33.2638, 0.5403,
0.3762

■ 29.4620, 0.5733,
0.3711

■ 26.5133, 0.5988,
0.3618

■ 26.2171, 0.6014,
0.3607

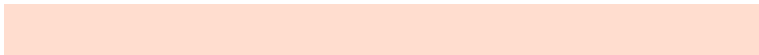
Harmonies

Analogous

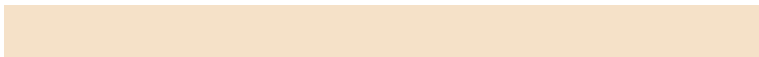
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4779, 0.3416, 0.3286



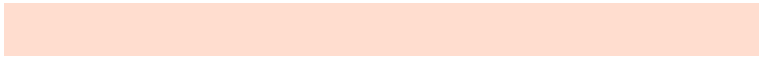
77.4779, 0.3472, 0.3433



77.4779, 0.3433, 0.3548

Triad

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



77.4779, 0.3472, 0.3433



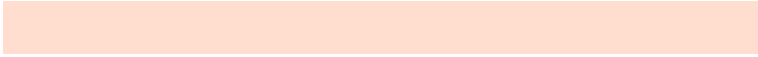
77.4779, 0.2972, 0.3443



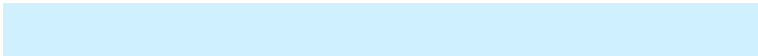
77.4779, 0.2941, 0.2997

Complementary

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



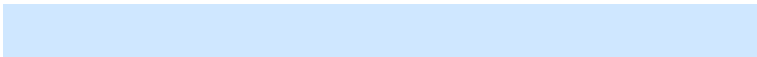
77.4779, 0.3472, 0.3433



83.3855, 0.2835, 0.3142

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.



77.4779, 0.2828, 0.3029



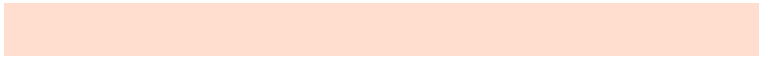
77.4779, 0.3472, 0.3433



77.4779, 0.2846, 0.3284

Square

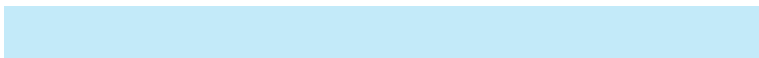
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4779, 0.3472, 0.3433



77.4779, 0.3142, 0.3559



77.4779, 0.2794, 0.3132



77.4779, 0.3105, 0.3039

Rectangle

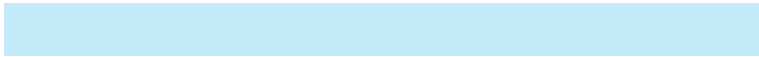
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4779, 0.3472, 0.3433



77.4779, 0.3359, 0.3590



77.4779, 0.2794, 0.3132



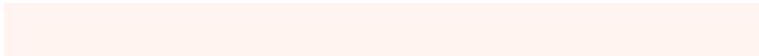
77.4779, 0.2896, 0.2999

Sweetspot

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



77.4812, 0.3472, 0.3433



92.3352, 0.3225, 0.3334



72.2561, 0.3244, 0.2949



19.5909, 0.3236, 0.3339



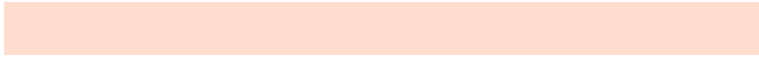
0.0000, 0.0000, 0.0000



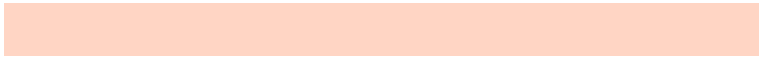
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4812, 0.3472, 0.3433



73.0879, 0.3565, 0.3467



90.8265, 0.3430, 0.3663



18.8509, 0.3287, 0.3360



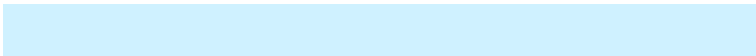
13.9210, 0.5985, 0.3630



1.5343, 0.5764, 0.3805

Inverse Universe

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



83.3855, 0.2835, 0.3142



80.0807, 0.2771, 0.3106



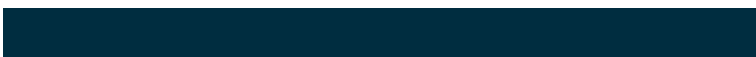
70.3128, 0.2820, 0.2887



19.5330, 0.2980, 0.3219



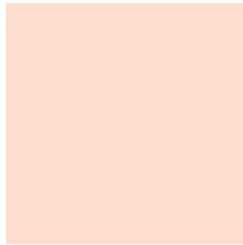
21.2171, 0.1974, 0.2308



2.2547, 0.2009, 0.2433

Previews

White Background



This preview shows how the Yxy color 77.4779, 0.3472, 0.3433 looks on a white background.

Color Contrast Check

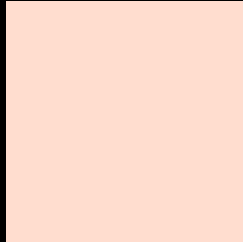
Large Text (above 18pt) WCAG AA × Fail

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 77.4779, 0.3472, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

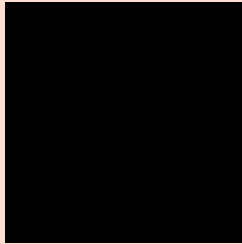
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4779, 0.3472, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 77.4779, 0.3472, 0.3433.

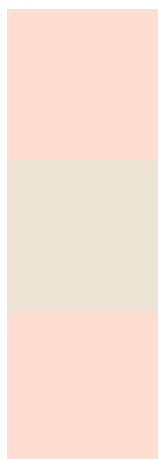


This preview shows how white text looks on a background with the Yxy color 77.4779, 0.3472, 0.3433.

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

77.4779, 0.3472, 0.3433

Protanopia

77.4242, 0.3302, 0.3470

Deuteranopia

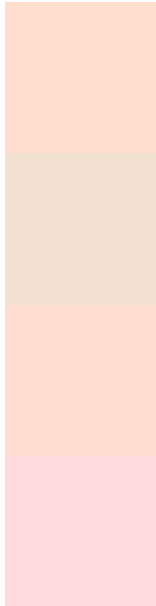
77.5764, 0.3458, 0.3412



Tritanopia

77.2860, 0.3293, 0.3141

Trichromacy



Original Color

77.4779, 0.3472, 0.3433

Protanomaly

77.5086, 0.3363, 0.3457

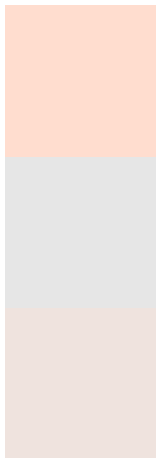
Deuteranomaly

77.5270, 0.3465, 0.3423

Tritanomaly

77.3049, 0.3355, 0.3241

Monochromacy



Original Color

77.4779, 0.3472, 0.3433

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.5628, 0.3244, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4779, 0.3472, 0.3433 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, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 207)  
}
```

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, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 77.4779, 0.3472, 0.3433 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, 221, 207) }
```

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

```
.border{ border-color:rgb(255, 221, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 221, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4779, 0.3472, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 207) }
```

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

```
.background{ background-color: rgb(255,  
221, 207) }
```

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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