

Converting Colors

$Yxy(86.6042, 0.3856, 0.3482)$

Have a look what the booklet for
Yxy(86.6042, 0.3856, 0.3482)
contains.

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Color

Yxy(77.1430, 0.3522, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDC8
RGB	255, 221, 200
RGB Percent	100%, 87%, 78%
CMY	0.0000, 0.1333, 0.2158
CMYK	0.00, 0.13, 0.22, 0.00
HSL	23°, 100%, 89%
HSV	23°, 22%, 100%
XYZ	77.5172, 77.1430, 65.4340
YIQ	228.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

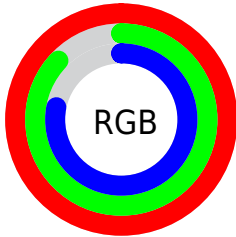
Format	Color
R _Y B	255, 234, 200
Decimal	16768456
CIE Lab	90.39, 8.58, 14.65
CIE LCh	90, 16.980, 59.634
Yxy	77.1430, 0.3522, 0.3505
Android (android.graphics.Color)	4294958536 (0xFFFFDDC8)
YUV	228.7720, -14.1846, 23.0020
Hunter-Lab	87.8311, 3.8345, 17.3108

Details

The Yxy color **77.1430, 0.3522, 0.3505** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3181, 0.2789, 0.3065**, and the grayscale version is **78.2702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3535, 0.3617, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **68.1209, 0.3754, 0.3611**, and if you desaturate by 10%, it is **87.1512, 0.3322, 0.3402**.

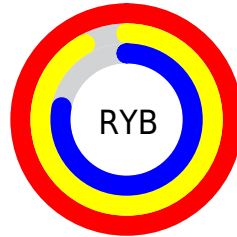
Distribution



Red (100%)

Green (87%)

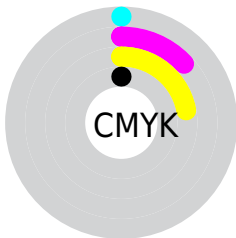
Blue (78%)



Red (100%)

Yellow (92%)

Blue (78%)

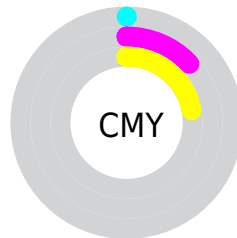


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1430, 0.3522, 0.3505 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 77.1430, 0.3522, 0.3505 by changing the saturation by 10% instead.


 77.1430, 0.3522,
0.3505

 77.1430, 0.3522,
0.3505


485.2515, 0.3340,
0.3409

 57.3702, 0.3563,
0.3526


129.3413, 0.3459,
0.3473

 41.3026, 0.3614,
0.3551

162.5357, 0.3434,
0.3460

 28.5556, 0.3679,
0.3583


200.9727, 0.3413,
0.3449

 18.7449, 0.3762,
0.3622

245.0368, 0.3395,
0.3439

 11.4861, 0.3875,
0.3674

295.1123, 0.3379,
0.3430

 6.3948, 0.4036,
0.3743

351.5836, 0.3364,

 3.0866, 0.4280,

0.3422

0.3838

414.8352, 0.3351,
0.3415

■ 1.1771, 0.4976,
0.4209

■ 0.0429, 0.8537,
0.1463

■ 77.1430, 0.3522,
0.3505

■ 77.1430, 0.3522,
0.3505

■ 68.1209, 0.3754,
0.3611

■ 87.1512, 0.3322,
0.3402

■ 60.0431, 0.4020,
0.3715

■ 98.1648, 0.3152,
0.3305

■ 52.8803, 0.4319,
0.3811

■ 99.9984, 0.3127,
0.3290

■ 46.5972, 0.4644,
0.3887

■ 41.1562, 0.4979,
0.3931

■ 36.5160, 0.5302,
0.3929

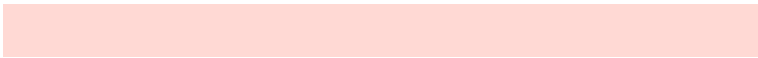
■ 32.6309, 0.5585,
0.3875

■ 29.8985, 0.5779,
0.3793

Harmonies

Analogous

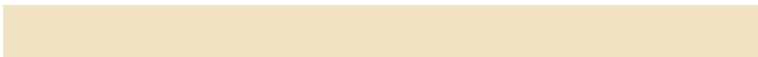
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1430, 0.3494, 0.3343



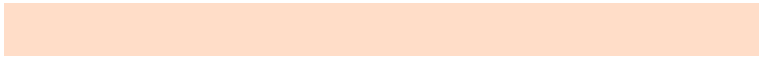
77.1430, 0.3522, 0.3505



77.1430, 0.3440, 0.3617

Triad

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



77.1430, 0.3522, 0.3505



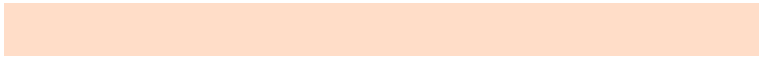
77.1430, 0.2891, 0.3406



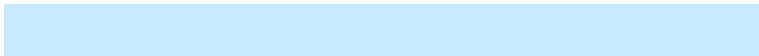
77.1430, 0.2972, 0.2961

Complementary

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



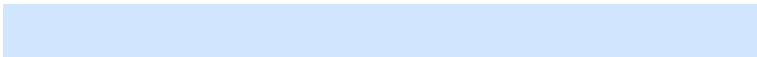
77.1430, 0.3522, 0.3505



78.3181, 0.2789, 0.3065

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.



77.1430, 0.2819, 0.2967



77.1430, 0.3522, 0.3505



77.1430, 0.2773, 0.3219

Square

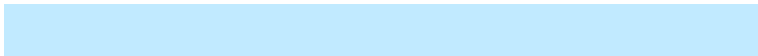
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1430, 0.3522, 0.3505



77.1430, 0.3074, 0.3565



77.1430, 0.2747, 0.3059



77.1430, 0.3171, 0.3036

Rectangle

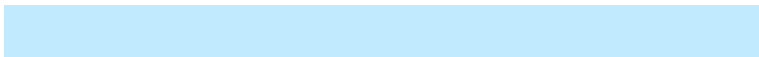
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1430, 0.3522, 0.3505



77.1430, 0.3337, 0.3645



77.1430, 0.2747, 0.3059



77.1430, 0.2914, 0.2954

Sweetspot

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



77.1465, 0.3522, 0.3505



93.1713, 0.3224, 0.3347



68.5449, 0.3298, 0.2941



19.7882, 0.3235, 0.3353



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.



77.1465, 0.3522, 0.3505



73.0386, 0.3621, 0.3552



92.3513, 0.3468, 0.3763



19.1254, 0.3285, 0.3381



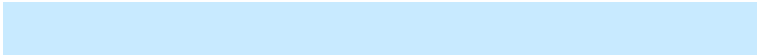
15.8896, 0.5750, 0.3816



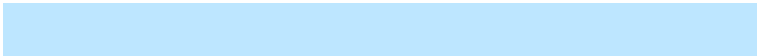
1.7504, 0.5538, 0.3985

Inverse Universe

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



78.3181, 0.2789, 0.3065



74.4006, 0.2719, 0.3012



64.2737, 0.2768, 0.2769



19.2464, 0.2979, 0.3197



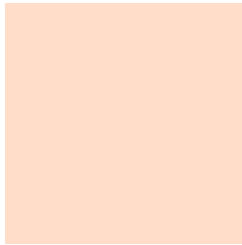
16.7602, 0.1884, 0.1983



1.8432, 0.1930, 0.2148

Previews

White Background



This preview shows how the Yxy color 77.1430, 0.3522, 0.3505 looks on a white background.

Color Contrast Check

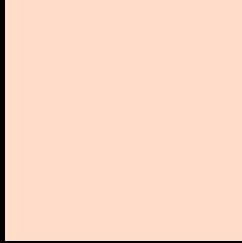
Large Text (above 18pt) WCAG AA × Fail

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 77.1430, 0.3522, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

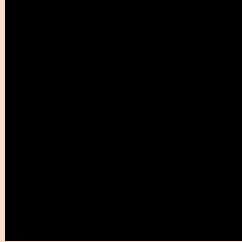
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.1430, 0.3522, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 77.1430, 0.3522, 0.3505.

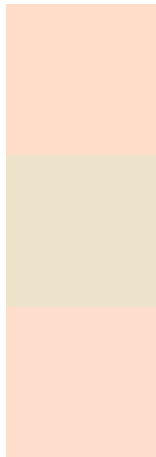


This preview shows how white text looks on a background with the Yxy color 77.1430, 0.3522, 0.3505.

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

77.1430, 0.3522, 0.3505

Protanopia

77.2545, 0.3357, 0.3544

Deuteranopia

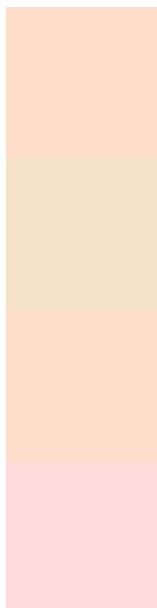
77.3807, 0.3486, 0.3453



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.1430, 0.3522, 0.3505

Protanomaly

77.3478, 0.3418, 0.3530

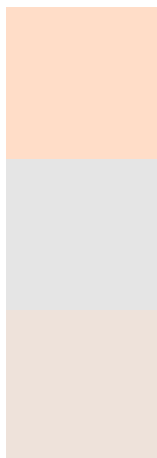
Deuteranomaly

77.2847, 0.3500, 0.3474

Tritanomaly

77.0903, 0.3383, 0.3281

Monochromacy



Original Color

77.1430, 0.3522, 0.3505

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.6318, 0.3264, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1430, 0.3522, 0.3505 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 200) }
```

Border

The CSS property to change the border of an element to Yxy 77.1430, 0.3522, 0.3505 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, 200) }
```

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

```
.border{ border-color:rgb(255, 221, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1430, 0.3522, 0.3505 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
221, 200) }
```

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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