

Converting Colors

$Y_{xy}(77.4060, 0.3462, 0.3450)$

Have a look what the booklet for
Yxy(77.4060, 0.3462, 0.3450)
contains.

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Color

Yxy(77.5814, 0.3462, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	FDDECE
RGB	253, 222, 206
RGB Percent	99%, 87%, 81%
CMY	0.0080, 0.1293, 0.1921
CMYK	0.00, 0.12, 0.19, 0.01
HSL	20°, 92%, 90%
HSV	20°, 19%, 99%
XYZ	77.7611, 77.5814, 69.2707
YIQ	229.4450, 23.6120, 1.5960

Conversions

Conversions Part 2

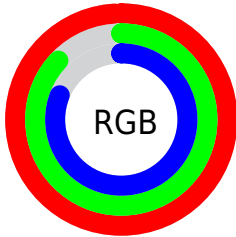
Format	Color
R _Y B	253, 230, 206
Decimal	16637646
CIE Lab	90.59, 8.21, 11.76
CIE LCh	91, 14.341, 55.094
Yxy	77.5814, 0.3462, 0.3454
Android (android.graphics.Color)	4294827726 (0xFFFDDECE)
YUV	229.4450, -11.5584, 20.6577
Hunter-Lab	88.0803, 3.4470, 15.0276

Details

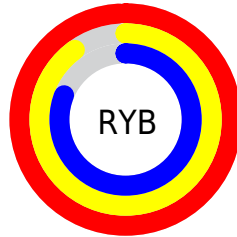
The Yxy color **77.5814, 0.3462, 0.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7541, 0.2838, 0.3120**, and the grayscale version is **78.7731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.6402, 0.3538, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **68.0293, 0.3689, 0.3548**, and if you desaturate by 10%, it is **88.2140, 0.3269, 0.3363**.

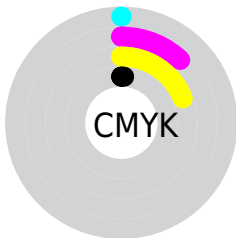
Distribution



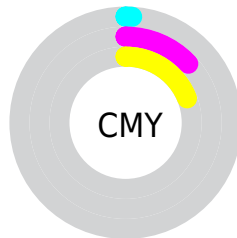
- Red (99%)
- Green (87%)
- Blue (81%)



- Red (99%)
- Yellow (90%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (1%)




- Cyan (1%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.5814, 0.3462, 0.3454 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 77.5814, 0.3462, 0.3454 by changing the saturation by 10% instead.


 77.5814, 0.3462,
0.3454

 77.5814, 0.3462,
0.3454

486.7440, 0.3308,
0.3381

 57.7302, 0.3497,
0.3470


129.9599, 0.3409,
0.3429

 41.5918, 0.3540,
0.3489


163.2559, 0.3388,
0.3419

 28.7818, 0.3595,
0.3513


201.8023, 0.3370,
0.3411

 18.9158, 0.3666,
0.3544

245.9835, 0.3354,
0.3403

 11.6094, 0.3762,
0.3584

296.1839, 0.3341,
0.3397

 6.4783, 0.3899,
0.3638

352.7878, 0.3328,

 3.1381, 0.4109,

0.3391

0.3713

416.1798, 0.3318,
0.3386

■ 1.2042, 0.4593,
0.3927

■ 0.0652, 0.8010,
0.1990

■ 77.5814, 0.3462,
0.3454

■ 77.5814, 0.3462,
0.3454

■ 68.0293, 0.3689,
0.3548

■ 88.2140, 0.3269,
0.3363

■ 59.5125, 0.3953,
0.3643

99.6165, 0.3115,
0.3290

■ 51.9979, 0.4254,
0.3731

■ 45.4463, 0.4588,
0.3804

■ 39.8160, 0.4942,
0.3850

■ 35.0617, 0.5292,
0.3856

■ 31.1331, 0.5607,
0.3811

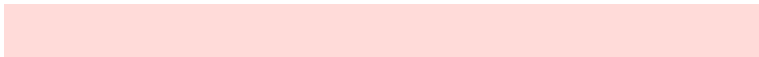
■ 27.9708, 0.5858,
0.3719

■ 27.5729, 0.5891,
0.3705

Harmonies

Analogous

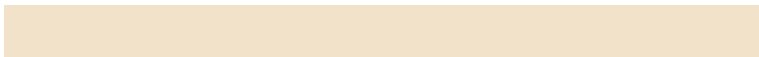
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5814, 0.3424, 0.3314



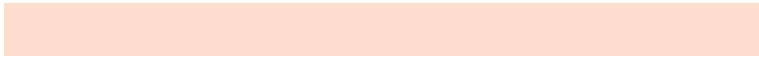
77.5814, 0.3462, 0.3454



77.5814, 0.3407, 0.3556

Triad

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



77.5814, 0.3462, 0.3454



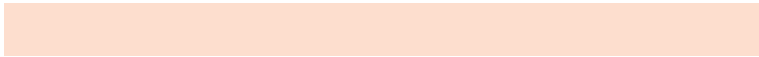
77.5814, 0.2949, 0.3411



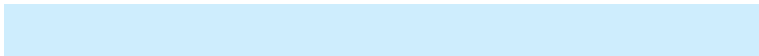
77.5814, 0.2974, 0.3007

Complementary

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



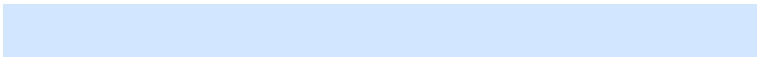
77.5814, 0.3462, 0.3454



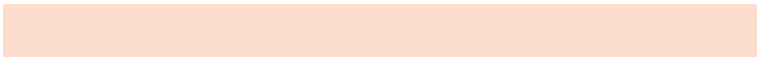
80.7541, 0.2838, 0.3120

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.



77.5814, 0.2852, 0.3025



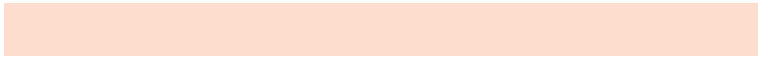
77.5814, 0.3462, 0.3454



77.5814, 0.2838, 0.3254

Square

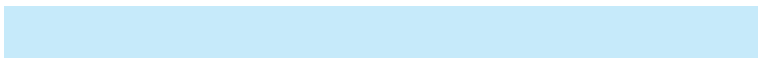
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5814, 0.3462, 0.3454



77.5814, 0.3109, 0.3535



77.5814, 0.2803, 0.3113



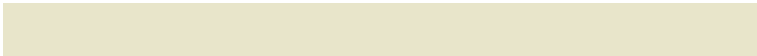
77.5814, 0.3139, 0.3061

Rectangle

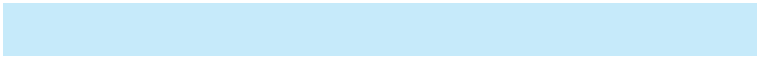
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5814, 0.3462, 0.3454



77.5814, 0.3326, 0.3586



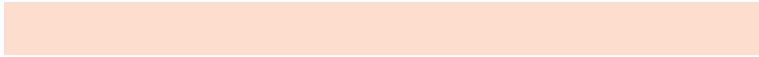
77.5814, 0.2803, 0.3113



77.5814, 0.2926, 0.3005

Sweetspot

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



77.5849, 0.3462, 0.3454



92.7880, 0.3224, 0.3341



71.1541, 0.3259, 0.2977



19.6977, 0.3236, 0.3347



0.0000, 0.0000, 0.0000



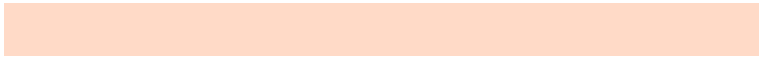
21.4041, 0.3127, 0.3290

Same Dimension

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



77.5849, 0.3462, 0.3454



75.5365, 0.3536, 0.3486



90.7226, 0.3421, 0.3680



18.9994, 0.3286, 0.3372



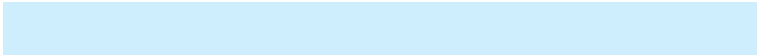
14.9137, 0.5862, 0.3728



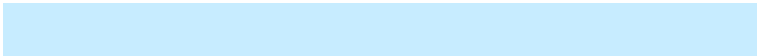
1.6454, 0.5643, 0.3901

Inverse Universe

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



80.7541, 0.2838, 0.3120



79.2653, 0.2784, 0.3085



68.2203, 0.2824, 0.2867



19.3771, 0.2980, 0.3207



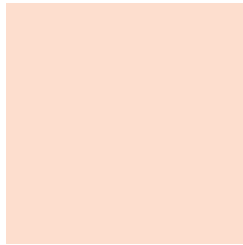
18.7042, 0.1925, 0.2131



2.0242, 0.1966, 0.2279

Previews

White Background



This preview shows how the Yxy color 77.5814, 0.3462, 0.3454 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 77.5814, 0.3462, 0.3454 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 77.5814, 0.3462, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 77.5814, 0.3462, 0.3454.



This preview shows how white text looks on a background with the Yxy color 77.5814, 0.3462, 0.3454.

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

77.5814, 0.3462, 0.3454

Protanopia

77.5461, 0.3316, 0.3480

Deuteranopia

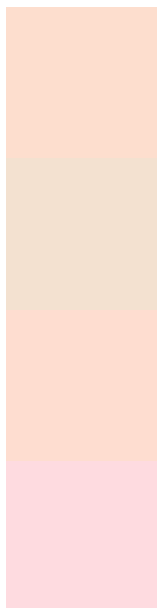
77.5764, 0.3458, 0.3412



Tritanopia

77.3433, 0.3286, 0.3131

Trichromacy



Original Color

77.5814, 0.3462, 0.3454

Protanomaly

77.4592, 0.3370, 0.3467

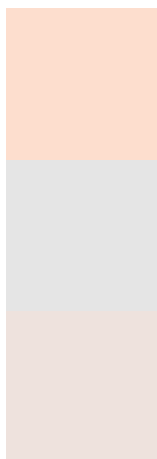
Deuteranomaly

77.3378, 0.3457, 0.3423

Tritanomaly

77.1157, 0.3347, 0.3240

Monochromacy



Original Color

77.5814, 0.3462, 0.3454

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7903, 0.3244, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5814, 0.3462, 0.3454 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(253, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 206)  
}
```

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(253, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 206) }
```

Border

The CSS property to change the border of an element to Yxy 77.5814, 0.3462, 0.3454 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(253, 222, 206) }
```

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

```
.border{ border-color:rgb(253, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 222,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 77.5814, 0.3462, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 206) }
```

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

```
.background{ background-color: rgb(253,  
222, 206) }
```

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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