

Converting Colors

$Yxy(86.4607, 0.3784, 0.3513)$

Have a look what the booklet for
Yxy(86.4607, 0.3784, 0.3513)
contains.

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Color

Yxy(78.7414, 0.3516, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C8
RGB	255, 224, 200
RGB Percent	100%, 88%, 78%
CMY	0.0000, 0.1215, 0.2158
CMYK	0.00, 0.12, 0.22, 0.00
HSL	26°, 100%, 89%
HSV	26°, 22%, 100%
XYZ	78.3182, 78.7414, 65.6884
YIQ	230.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

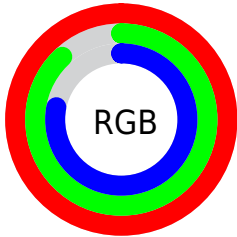
Format	Color
R _Y B	255, 243, 200
Decimal	16769224
CIE Lab	91.12, 7.04, 15.69
CIE LCh	91, 17.198, 65.829
Yxy	78.7414, 0.3516, 0.3535
Android (android.graphics.Color)	4294959304 (0xFFFFE0C8)
YUV	230.5330, -15.0528, 21.4576
Hunter-Lab	88.7364, 2.2544, 18.2252

Details

The Yxy color **78.7414, 0.3516, 0.3535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6181, 0.2786, 0.3032**, and the grayscale version is **79.6448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4570, 0.3608, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **70.2545, 0.3740, 0.3655**, and if you desaturate by 10%, it is **88.0841, 0.3321, 0.3418**.

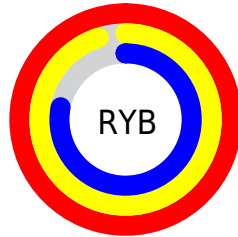
Distribution



Red (100%)

Green (88%)

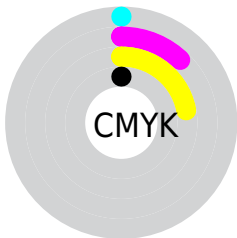
Blue (78%)



Red (100%)

Yellow (95%)

Blue (78%)

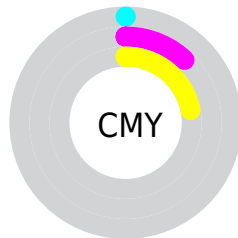


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7414, 0.3516, 0.3535 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 78.7414, 0.3516, 0.3535 by changing the saturation by 10% instead.


 78.7414, 0.3516,
0.3535

 78.7414, 0.3516,
0.3535


490.6811, 0.3338,
0.3426

 58.6832, 0.3556,
0.3559


131.5947, 0.3454,
0.3498

 42.3582, 0.3606,
0.3588


165.1587, 0.3430,
0.3483

 29.3818, 0.3668,
0.3624


203.9933, 0.3410,
0.3470

 19.3699, 0.3749,
0.3670

248.4831, 0.3392,
0.3459

 11.9378, 0.3858,
0.3730

299.0124, 0.3376,
0.3449

 6.7014, 0.4011,
0.3810

355.9655, 0.3361,

 3.2760, 0.4242,

0.3441

0.3922

419.7270, 0.3349,
0.3433

1.2775, 0.4876,
0.4305

0.1237, 0.7006,
0.2994

78.7414, 0.3516,
0.3535

78.7414, 0.3516,
0.3535

70.2545, 0.3740,
0.3655

88.0841, 0.3321,
0.3418

62.5898, 0.3994,
0.3774

98.2994, 0.3152,
0.3307

55.7224, 0.4276,
0.3883

100.0000, 0.3127,
0.3290

49.6232, 0.4578,
0.3973

■ 44.2610, 0.4886,
0.4028

■ 39.6014, 0.5182,
0.4038

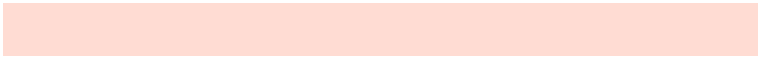
■ 35.6063, 0.5441,
0.3993

■ 32.7203, 0.5623,
0.3917

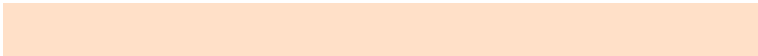
Harmonies

Analogous

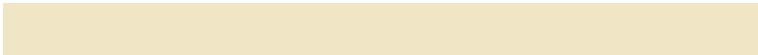
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7414, 0.3511, 0.3379



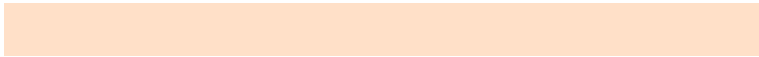
78.7414, 0.3516, 0.3535



78.7414, 0.3413, 0.3632

Triad

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



78.7414, 0.3516, 0.3535



78.7414, 0.2859, 0.3368



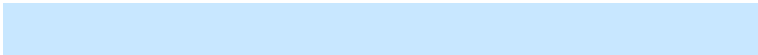
78.7414, 0.3010, 0.2969

Complementary

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



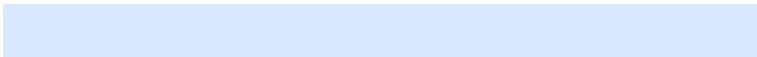
78.7414, 0.3516, 0.3535



76.6181, 0.2786, 0.3032

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.



78.7414, 0.2843, 0.2957



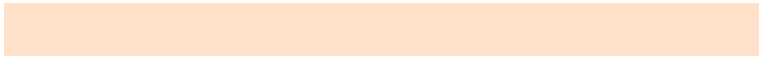
78.7414, 0.3516, 0.3535



78.7414, 0.2758, 0.3181

Square

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



78.7414, 0.3516, 0.3535



78.7414, 0.3032, 0.3539



78.7414, 0.2752, 0.3032



78.7414, 0.3214, 0.3059

Rectangle

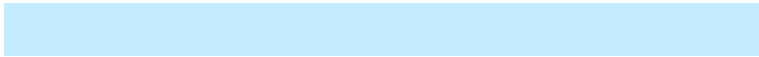
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7414, 0.3516, 0.3535



78.7414, 0.3300, 0.3647



78.7414, 0.2752, 0.3032



78.7414, 0.2948, 0.2955

Sweetspot

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



78.7440, 0.3516, 0.3535



93.6795, 0.3223, 0.3355



68.3276, 0.3325, 0.2977



19.9081, 0.3234, 0.3362



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.



78.7440, 0.3516, 0.3535



74.8922, 0.3611, 0.3588



94.6293, 0.3461, 0.3797



19.2928, 0.3283, 0.3394



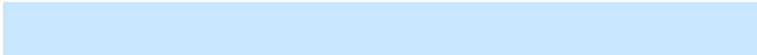
17.3819, 0.5595, 0.3940



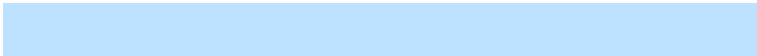
1.9052, 0.5397, 0.4097

Inverse Universe

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



76.6181, 0.2786, 0.3032



72.4103, 0.2715, 0.2972



62.5032, 0.2765, 0.2727



19.0750, 0.2979, 0.3184



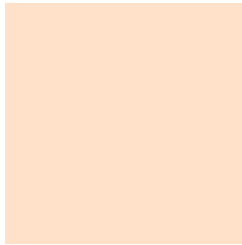
14.4318, 0.1831, 0.1790



1.6228, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 78.7414, 0.3516, 0.3535 looks on a white background.

Color Contrast Check

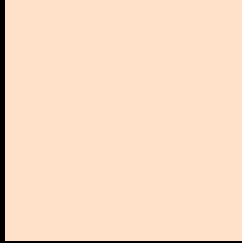
Large Text (above 18pt) WCAG AA × Fail

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 78.7414, 0.3516, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

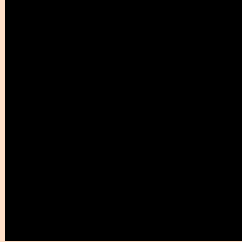
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.7414, 0.3516, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 78.7414, 0.3516, 0.3535.



This preview shows how white text looks on a background with the Yxy color 78.7414, 0.3516, 0.3535.

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

78.7414, 0.3516, 0.3535

Protanopia

78.8757, 0.3376, 0.3563

Deuteranopia

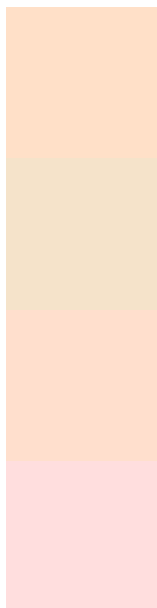
78.5894, 0.3461, 0.3443



Tritanopia

78.9711, 0.3276, 0.3152

Trichromacy



Original Color

78.7414, 0.3516, 0.3535

Protanomaly

78.6149, 0.3422, 0.3550

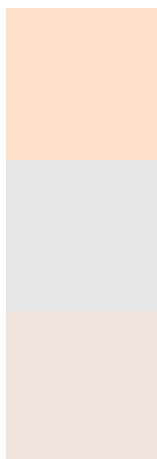
Deuteranomaly

78.4431, 0.3482, 0.3473

Tritanomaly

78.7765, 0.3365, 0.3291

Monochromacy



Original Color

78.7414, 0.3516, 0.3535

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.1794, 0.3263, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7414, 0.3516, 0.3535 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, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 200) }
```

Border

The CSS property to change the border of an element to Yxy 78.7414, 0.3516, 0.3535 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, 224, 200) }
```

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

```
.border{ border-color:rgb(255, 224, 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, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 200); box-shadow:4px 4px 4px 4px rgb(255, 224, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7414, 0.3516, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 200) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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