

Converting Colors

$Y_{xy}(76.2251, 0.3506, 0.3465)$

Have a look what the booklet for
Yxy(76.2251, 0.3506, 0.3465)
contains.

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Color

Yxy(75.9981, 0.3504, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBCA
RGB	254, 219, 202
RGB Percent	100%, 86%, 79%
CMY	0.0041, 0.1411, 0.2079
CMYK	0.00, 0.14, 0.20, 0.00
HSL	20°, 96%, 89%
HSV	20°, 20%, 100%
XYZ	76.8535, 75.9981, 66.4791
YIQ	227.5270, 26.3170, 2.1330

Conversions

Conversions Part 2

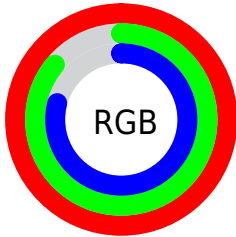
Format	Color
RYB	254, 227, 202
Decimal	16702410
CIELab	89.86, 9.53, 12.84
CIELCh	90, 15.992, 53.436
Yxy	75.9981, 0.3504, 0.3465
Android (android.graphics.Color)	4294892490 (0xFFFEBCA)
YUV	227.5270, -12.5848, 23.2168
Hunter-Lab	87.1769, 4.8027, 15.8106

Details

The Yxy color **75.9981, 0.3504, 0.3465** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2294, 0.2809, 0.3108**, and the grayscale version is **77.2975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5594, 0.3595, 0.3501** is the 20% darker color. If you saturate the color by 10%, you get **66.4400, 0.3740, 0.3556**, and if you desaturate by 10%, it is **86.6745, 0.3304, 0.3377**.

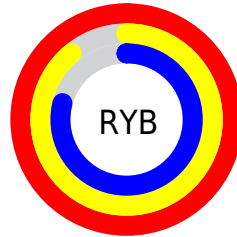
Distribution



Red (100%)

Green (86%)

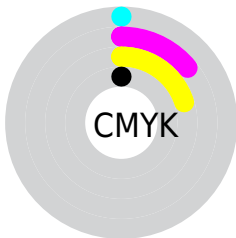
Blue (79%)



Red (100%)

Yellow (89%)

Blue (79%)

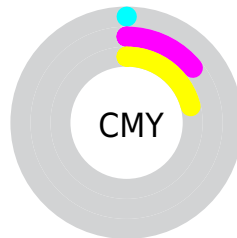


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9981, 0.3504, 0.3465 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 75.9981, 0.3504, 0.3465 by changing the saturation by 10% instead.


 75.9981, 0.3504,
0.3465

 75.9981, 0.3504,
0.3465

481.3412, 0.3330,
0.3387

 56.4309, 0.3544,
0.3482

127.7242, 0.3444,
0.3439

 40.5485, 0.3593,
0.3503


160.6520, 0.3420,
0.3428

 27.9665, 0.3655,
0.3528


198.8021, 0.3400,
0.3419

 18.3004, 0.3736,
0.3560

242.5589, 0.3382,
0.3411

 11.1659, 0.3846,
0.3602

292.3068, 0.3367,
0.3404

 6.1785, 0.4003,
0.3657

348.4302, 0.3353,

 2.9539, 0.4246,

0.3398

0.3733

411.3136, 0.3341,
0.3392

■ 1.1077, 0.4906,
0.4036

■ 0.0000, 1.0000,
0.0000

■ 75.9981, 0.3504,
0.3465

■ 75.9981, 0.3504,
0.3465

■ 66.4400, 0.3740,
0.3556

■ 86.6745, 0.3304,
0.3377

■ 57.9527, 0.4014,
0.3647

■ 98.4941, 0.3134,
0.3294

■ 50.5005, 0.4326,
0.3730

■ 99.8045, 0.3121,
0.3290

■ 44.0418, 0.4671,
0.3795

■ 38.5314, 0.5032,
0.3831

■ 33.9208, 0.5385,
0.3826

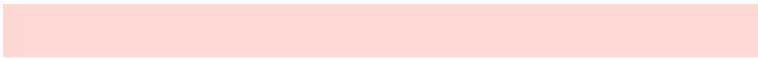
■ 30.1556, 0.5693,
0.3770

■ 27.2916, 0.5925,
0.3677

Harmonies

Analogous

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



75.9981, 0.3456, 0.3307



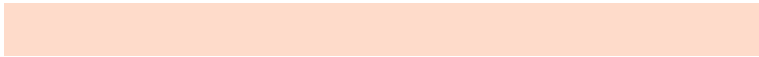
75.9981, 0.3504, 0.3465



75.9981, 0.3447, 0.3584

Triad

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



75.9981, 0.3504, 0.3465



75.9981, 0.2936, 0.3435



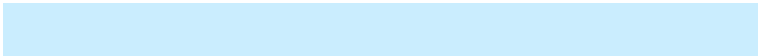
75.9981, 0.2945, 0.2973

Complementary

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



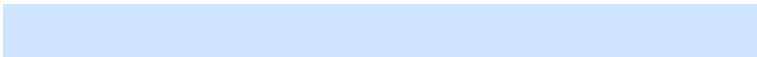
75.9981, 0.3504, 0.3465



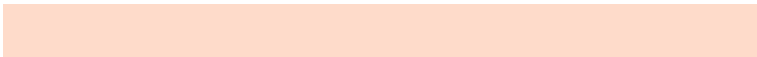
80.2294, 0.2809, 0.3108

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.



75.9981, 0.2814, 0.2996



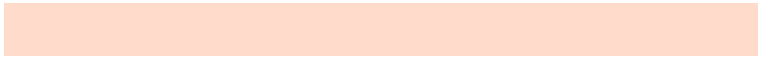
75.9981, 0.3504, 0.3465



75.9981, 0.2808, 0.3259

Square

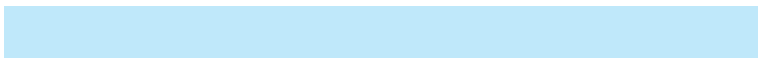
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9981, 0.3504, 0.3465



75.9981, 0.3116, 0.3572



75.9981, 0.2764, 0.3098



75.9981, 0.3129, 0.3029

Rectangle

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



75.9981, 0.3504, 0.3465



75.9981, 0.3359, 0.3622



75.9981, 0.2764, 0.3098



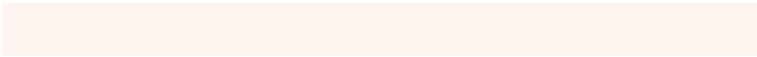
75.9981, 0.2894, 0.2971

Sweetspot

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



76.0015, 0.3504, 0.3465



92.6667, 0.3225, 0.3339



69.4378, 0.3269, 0.2935



19.6691, 0.3236, 0.3344



0.0000, 0.0000, 0.0000



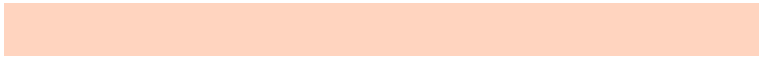
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0015, 0.3504, 0.3465



72.1950, 0.3606, 0.3506



90.2910, 0.3455, 0.3713



18.9596, 0.3286, 0.3369



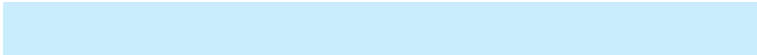
14.6309, 0.5896, 0.3701



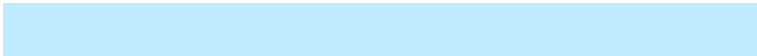
1.6143, 0.5676, 0.3875

Inverse Universe

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



80.2294, 0.2809, 0.3108



77.2310, 0.2738, 0.3063



66.5475, 0.2790, 0.2828



19.4187, 0.2980, 0.3210



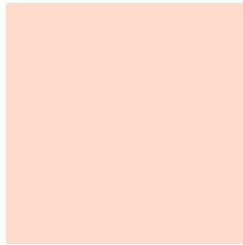
19.3542, 0.1939, 0.2179



2.0841, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 75.9981, 0.3504, 0.3465 looks on a white background.

Color Contrast Check

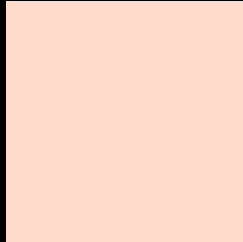
Large Text (above 18pt) WCAG AA × Fail

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 75.9981, 0.3504, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

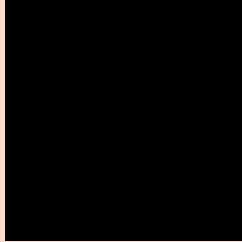
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9981, 0.3504, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 75.9981, 0.3504, 0.3465.



This preview shows how white text looks on a background with the Yxy color 75.9981, 0.3504, 0.3465.

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

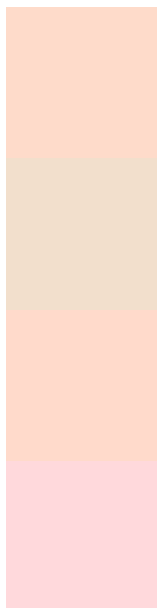




Tritanopia

76.1413, 0.3309, 0.3141

Trichromacy



Original Color

75.9981, 0.3504, 0.3465

Protanomaly

76.0122, 0.3393, 0.3490

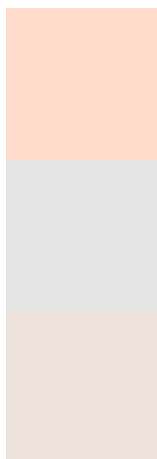
Deuteranomaly

75.7146, 0.3506, 0.3444

Tritanomaly

76.0530, 0.3386, 0.3261

Monochromacy



Original Color

75.9981, 0.3504, 0.3465

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9694, 0.3251, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9981, 0.3504, 0.3465 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(254, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 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(254, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 202) }
```

Border

The CSS property to change the border of an element to Yxy 75.9981, 0.3504, 0.3465 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(254, 219, 202) }
```

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

```
.border{ border-color:rgb(254, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9981, 0.3504, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 202) }
```

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

```
.background{ background-color: rgb(254,  
219, 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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