

Converting Colors

$Yxy(76.7099, 0.3505, 0.3624)$

Have a look what the booklet for
Yxy(76.7099, 0.3505, 0.3624)
contains.

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Color

Yxy(76.7099, 0.3505, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	F6E0C0
RGB	246, 224, 192
RGB Percent	96%, 88%, 75%
CMY	0.0351, 0.1216, 0.2470
CMYK	0.00, 0.09, 0.22, 0.04
HSL	36°, 75%, 86%
HSV	36°, 22%, 96%
XYZ	74.1910, 76.7099, 60.7710
YIQ	226.9300, 23.3840, -5.2880

Conversions

Conversions Part 2

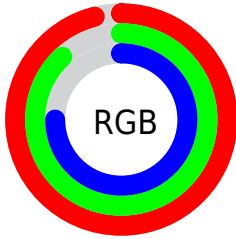
Format	Color
R _Y B	229, 246, 192
Decimal	16179392
CIE Lab	90.19, 2.66, 18.41
CIE LCh	90, 18.606, 81.768
Yxy	76.7099, 0.3505, 0.3624
Android (android.graphics.Color)	4294369472 (0xFFFF6E0C0)
YUV	226.9300, -17.2205, 16.7244
Hunter-Lab	87.5842, -2.0682, 20.1701

Details

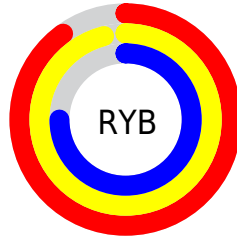
The Yxy color **76.7099, 0.3505, 0.3624** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.9981, 0.2774, 0.2932**, and the grayscale version is **76.8840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **41.0297, 0.3593, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **70.4705, 0.3708, 0.3783**, and if you desaturate by 10%, it is **83.4577, 0.3321, 0.3468**.

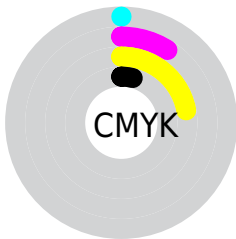
Distribution



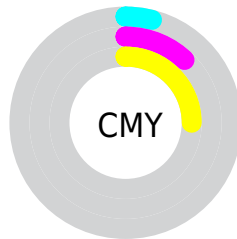
- Red (96%)
- Green (88%)
- Blue (75%)



- Red (90%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7099, 0.3505, 0.3624 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 76.7099, 0.3505, 0.3624 by changing the saturation by 10% instead.


 76.7099, 0.3505,
0.3624

 76.7099, 0.3505,
0.3624


483.7744, 0.3332,
0.3472

 57.0148, 0.3544,
0.3658


 128.7299, 0.3445,
0.3572

 41.0171, 0.3592,
0.3699

161.8236, 0.3422,
0.3552

 28.3325, 0.3653,
0.3751


200.1523, 0.3402,
0.3534

 18.5764, 0.3731,
0.3817

244.1003, 0.3384,
0.3518

 11.3646, 0.3836,
0.3905

294.0522, 0.3369,
0.3505

 6.3126, 0.3982,
0.4026

350.3922, 0.3355,

 3.0361, 0.4199,

0.3493

0.4199

413.5048, 0.3343,
0.3482

■ 1.1506, 0.5048,
0.4952

■ 0.0208, 0.8030,
0.1970

■ 76.7099, 0.3505,
0.3624

■ 76.7099, 0.3505,
0.3624

■ 70.4705, 0.3708,
0.3783

■ 83.4577, 0.3321,
0.3468

■ 64.7147, 0.3929,
0.3940

■ 90.7172, 0.3157,
0.3318

■ 59.4303, 0.4163,
0.4085

■ 97.7879, 0.3072,
0.3281

■ 54.6009, 0.4403,
0.4208

■ 98.3427, 0.3072,
0.3290

■ 50.2084, 0.4637,
0.4297

■ 46.2327, 0.4853,
0.4339

■ 42.6506, 0.5037,
0.4327

■ 40.0322, 0.5162,
0.4284

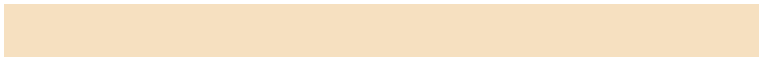
Harmonies

Analogous

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



76.7099, 0.3565, 0.3481



76.7099, 0.3505, 0.3624



76.7099, 0.3343, 0.3681

Triad

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



76.7099, 0.3505, 0.3624



76.7099, 0.2764, 0.3264



76.7099, 0.3116, 0.2983

Complementary

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



76.7099, 0.3505, 0.3624



65.9981, 0.2774, 0.2932

Split Complementary

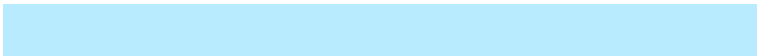
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7099, 0.2906, 0.2923



76.7099, 0.3505, 0.3624



76.7099, 0.2708, 0.3076

Square

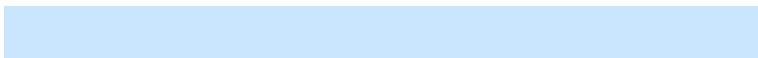
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7099, 0.3505, 0.3624



76.7099, 0.2915, 0.3469



76.7099, 0.2759, 0.2954



76.7099, 0.3336, 0.3118

Rectangle

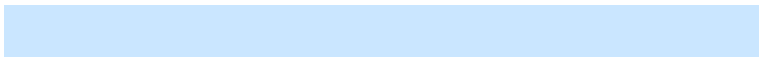
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7099, 0.3505, 0.3624



76.7099, 0.3201, 0.3657



76.7099, 0.2759, 0.2954



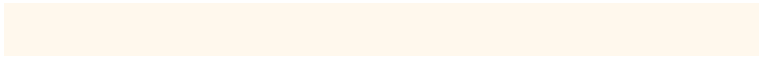
76.7099, 0.3042, 0.2954

Sweetspot

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



76.7134, 0.3505, 0.3624



94.3406, 0.3238, 0.3393



62.1891, 0.3393, 0.3054



20.0911, 0.3248, 0.3402



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.



76.7134, 0.3505, 0.3624



80.3682, 0.3586, 0.3689



88.5488, 0.3428, 0.3845



18.1126, 0.3279, 0.3430



21.6399, 0.5141, 0.4300



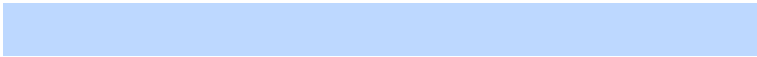
2.1037, 0.4990, 0.4420

Inverse Universe

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



65.9981, 0.2774, 0.2932



66.9956, 0.2704, 0.2855



56.1664, 0.2787, 0.2680



17.0379, 0.2980, 0.3146



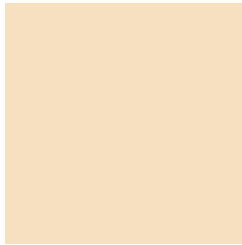
8.7219, 0.1691, 0.1286



0.9633, 0.1759, 0.1532

Previews

White Background



This preview shows how the Yxy color 76.7099, 0.3505, 0.3624 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 76.7099, 0.3505, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

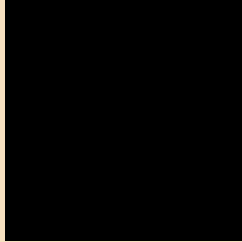
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7099, 0.3505, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 76.7099, 0.3505, 0.3624.



This preview shows how white text looks on a background with the Yxy color 76.7099, 0.3505, 0.3624.

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

76.7099, 0.3505, 0.3624

Protanopia

76.5937, 0.3441, 0.3640

Deuteranopia

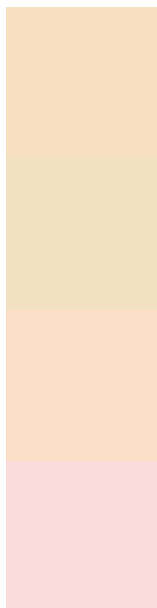
76.6165, 0.3524, 0.3495



Tritanopia

76.6502, 0.3250, 0.3120

Trichromacy



Original Color

76.7099, 0.3505, 0.3624

Protanomaly

76.5779, 0.3466, 0.3627

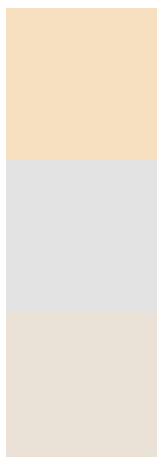
Deuteranomaly

76.4396, 0.3521, 0.3537

Tritanomaly

76.4406, 0.3344, 0.3301

Monochromacy



Original Color

76.7099, 0.3505, 0.3624

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7402, 0.3262, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7099, 0.3505, 0.3624 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(246, 224, 192)` looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 192)  
}
```

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(246, 224, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 192) }
```

Border

The CSS property to change the border of an element to Yxy 76.7099, 0.3505, 0.3624 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(246, 224, 192) }
```

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

```
.border{ border-color:rgb(246, 224, 192) }
```

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

Here you see how a box with a 4 pixel rgb(246, 224, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 224, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 224, 192);  
box-shadow:4px 4px 4px 4px rgb(246, 224,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7099, 0.3505, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 192) }
```

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

```
.background{ background-color: rgb(246,  
224, 192) }
```

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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