

Converting Colors

$Yxy(76.3034, 0.3538, 0.3671)$

Have a look what the booklet for
Yxy(76.3034, 0.3538, 0.3671)
contains.

Yxy(76.4920, 0.3540, 0.3677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.4920, 0.3540, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	F6E0BB
RGB	246, 224, 187
RGB Percent	96%, 88%, 73%
CMY	0.0351, 0.1216, 0.2667
CMYK	0.00, 0.09, 0.24, 0.04
HSL	38°, 77%, 85%
HSV	38°, 24%, 96%
XYZ	73.6420, 76.4920, 57.8943
YIQ	226.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

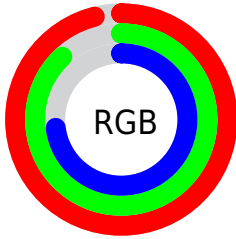
Format	Color
R _Y B	222, 246, 187
Decimal	16179387
CIE Lab	90.09, 1.96, 20.88
CIE LCh	90, 20.973, 84.639
Yxy	76.4920, 0.3540, 0.3677
Android (android.graphics.Color)	4294369467 (0xFFFF6E0BB)
YUV	226.3600, -19.4045, 17.2243
Hunter-Lab	87.4597, -2.7556, 21.9746

Details

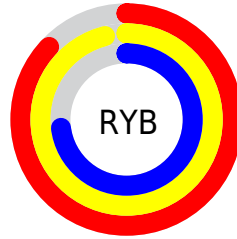
The Yxy color **76.4920, 0.3540, 0.3677** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.8455, 0.2737, 0.2870**, and the grayscale version is **76.4622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **40.9160, 0.3630, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **70.7242, 0.3742, 0.3845**, and if you desaturate by 10%, it is **82.7142, 0.3355, 0.3511**.

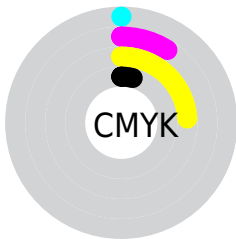
Distribution



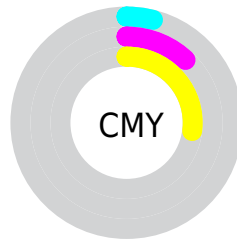
- Red (96%)
- Green (88%)
- Blue (73%)



- Red (87%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4920, 0.3540, 0.3677 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 76.4920, 0.3540, 0.3677 by changing the saturation by 10% instead.


 76.4920, 0.3540,
0.3677

 76.4920, 0.3540,
0.3677


483.0302, 0.3351,
0.3501

 56.8360, 0.3583,
0.3716


 128.4221, 0.3475,
0.3617

 40.8736, 0.3635,
0.3764


161.4651, 0.3449,
0.3593

 28.2203, 0.3700,
0.3824


199.7392, 0.3427,
0.3572

 18.4918, 0.3785,
0.3901

243.6288, 0.3408,
0.3555

 11.3037, 0.3897,
0.4002

293.5183, 0.3391,
0.3539

 6.2715, 0.4053,
0.4141

349.7921, 0.3376,

 3.0108, 0.4279,

0.3525

0.4336

412.8346, 0.3363,
0.3512

■ 1.1374, 0.5003,
0.4997

■ 0.0097, 0.8551,
0.1449

■ 76.4920, 0.3540,
0.3677

■ 76.4920, 0.3540,
0.3677

■ 70.7242, 0.3742,
0.3845

■ 82.7142, 0.3355,
0.3511

■ 65.3870, 0.3958,
0.4008

■ 89.3930, 0.3189,
0.3351

■ 60.4696, 0.4183,
0.4157

■ 96.1640, 0.3073,
0.3257

■ 55.9566, 0.4409,
0.4281

■ 98.3406, 0.3072,
0.3290

■ 51.8310, 0.4624,
0.4368

■ 48.0738, 0.4818,
0.4407

■ 44.6626, 0.4978,
0.4393

■ 42.7638, 0.5061,
0.4363

Harmonies

Analogous

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



76.4920, 0.3621, 0.3522



76.4920, 0.3540, 0.3677



76.4920, 0.3347, 0.3732

Triad

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



76.4920, 0.3540, 0.3677



76.4920, 0.2708, 0.3237



76.4920, 0.3138, 0.2957

Complementary

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



76.4920, 0.3540, 0.3677



62.8455, 0.2737, 0.2870

Split Complementary

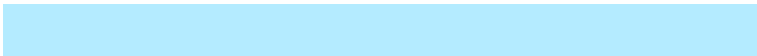
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4920, 0.2898, 0.2880



76.4920, 0.3540, 0.3677



76.4920, 0.2656, 0.3030

Square

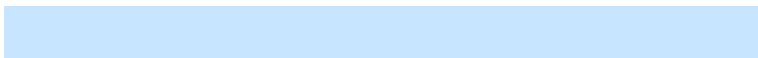
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4920, 0.3540, 0.3677



76.4920, 0.2868, 0.3472



76.4920, 0.2724, 0.2903



76.4920, 0.3384, 0.3114

Rectangle

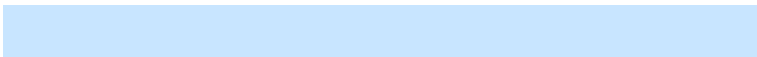
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4920, 0.3540, 0.3677



76.4920, 0.3185, 0.3697



76.4920, 0.2724, 0.2903



76.4920, 0.3054, 0.2921

Sweetspot

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



76.4955, 0.3540, 0.3677



94.7235, 0.3237, 0.3399



59.7749, 0.3440, 0.3052



20.1799, 0.3247, 0.3408



0.0000, 0.0000, 0.0000



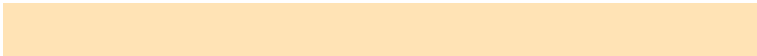
21.4041, 0.3127, 0.3290

Same Dimension

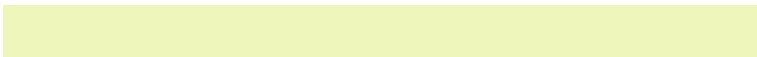
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4955, 0.3540, 0.3677



79.7463, 0.3640, 0.3762



87.9030, 0.3442, 0.3900



18.2127, 0.3278, 0.3438



23.0948, 0.5043, 0.4378



2.2266, 0.4908, 0.4485

Inverse Universe

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



62.8455, 0.2737, 0.2870



62.4874, 0.2650, 0.2767



53.6502, 0.2764, 0.2619



16.9406, 0.2980, 0.3138



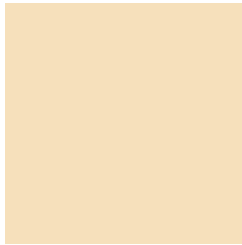
7.8718, 0.1663, 0.1186



0.8823, 0.1732, 0.1434

Previews

White Background



This preview shows how the Yxy color 76.4920, 0.3540, 0.3677 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 76.4920, 0.3540, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

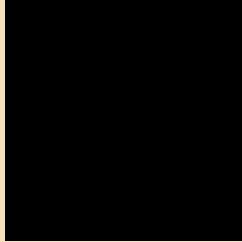
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

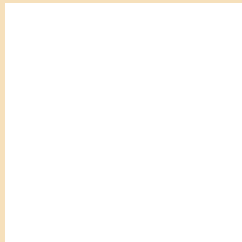
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4920, 0.3540, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 76.4920, 0.3540, 0.3677.



This preview shows how white text looks on a background with the Yxy color 76.4920, 0.3540, 0.3677.

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

76.4920, 0.3540, 0.3677

Protanopia

76.3743, 0.3476, 0.3694

Deuteranopia

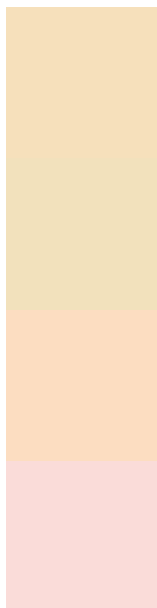
76.4776, 0.3546, 0.3526



Tritanopia

76.2617, 0.3265, 0.3120

Trichromacy



Original Color

76.4920, 0.3540, 0.3677

Protanomaly

76.3585, 0.3500, 0.3681

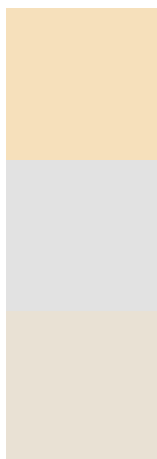
Deuteranomaly

76.2586, 0.3549, 0.3579

Tritanomaly

76.5201, 0.3366, 0.3321

Monochromacy



Original Color

76.4920, 0.3540, 0.3677

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9275, 0.3270, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4920, 0.3540, 0.3677 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 187) }
```

Border

The CSS property to change the border of an element to Yxy 76.4920, 0.3540, 0.3677 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, 187) }
```

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

```
.border{ border-color:rgb(246, 224, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 224, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 224, 187); box-shadow:4px 4px 4px 4px rgb(246, 224, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4920, 0.3540, 0.3677 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, 187) }
```

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

```
.background{ background-color: rgb(246,  
224, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor