

Converting Colors

$Yxy(76.7542, 0.3483, 0.3628)$

Have a look what the booklet for
Yxy(76.7542, 0.3483, 0.3628)
contains.

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Color

Yxy(76.9338, 0.3481, 0.3625)

Conversions

Conversions Part 1

Format	Color
Hex	F4E1C1
RGB	244, 225, 193
RGB Percent	96%, 88%, 76%
CMY	0.0429, 0.1177, 0.2431
CMYK	0.00, 0.08, 0.21, 0.04
HSL	38°, 70%, 86%
HSV	38°, 21%, 96%
XYZ	73.8777, 76.9338, 61.4197
YIQ	227.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

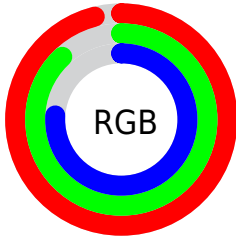
Format	Color
R _Y B	223, 244, 193
Decimal	16048577
CIE Lab	90.29, 1.57, 18.01
CIE LCh	90, 18.077, 85.017
Yxy	76.9338, 0.3481, 0.3625
Android (android.graphics.Color)	4294238657 (0xFFFF4E1C1)
YUV	227.0330, -16.7783, 14.8801
Hunter-Lab	87.7119, -3.1495, 19.8809

Details

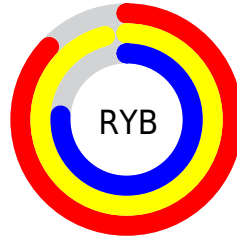
The Yxy color **76.9338, 0.3481, 0.3625** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.0153, 0.2790, 0.2931**, and the grayscale version is **76.9621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **41.1783, 0.3561, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **71.1342, 0.3678, 0.3793**, and if you desaturate by 10%, it is **83.1837, 0.3302, 0.3461**.

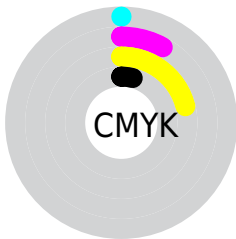
Distribution



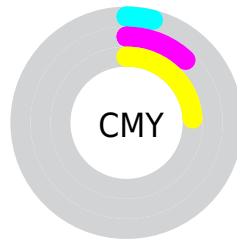
- Red (96%)
- Green (88%)
- Blue (76%)



- Red (87%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9338, 0.3481, 0.3625 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 76.9338, 0.3481, 0.3625 by changing the saturation by 10% instead.


 76.9338, 0.3481,
0.3625

 76.9338, 0.3481,
0.3625


484.5383, 0.3319,
0.3472

 57.1985, 0.3518,
0.3659


 129.0460, 0.3425,
0.3573

 41.1647, 0.3562,
0.3701

162.1918, 0.3403,
0.3552

 28.4478, 0.3619,
0.3753


200.5765, 0.3384,
0.3534

 18.6635, 0.3692,
0.3821

244.5846, 0.3368,
0.3519

 11.4274, 0.3789,
0.3910

294.6004, 0.3353,
0.3505

 6.3551, 0.3926,
0.4034

351.0084, 0.3341,

 3.0622, 0.4128,

0.3493

0.4215

414.1929, 0.3329,
0.3482

■ 1.1643, 0.4976,
0.5024

■ 0.0322, 0.6815,
0.3185

■ 76.9338, 0.3481,
0.3625

■ 76.9338, 0.3481,
0.3625

■ 71.1342, 0.3678,
0.3793

■ 83.1837, 0.3302,
0.3461

■ 65.7617, 0.3890,
0.3958

■ 89.8858, 0.3141,
0.3304

■ 60.8060, 0.4113,
0.4112

■ 96.3096, 0.3061,
0.3264

■ 56.2523, 0.4340,
0.4245

■ 97.9849, 0.3060,
0.3290

■ 52.0846, 0.4560,
0.4345

■ 48.2848, 0.4761,
0.4399

■ 44.8323, 0.4933,
0.4402

■ 41.9688, 0.5062,
0.4363

Harmonies

Analogous

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



76.9338, 0.3551, 0.3494



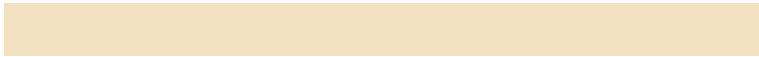
76.9338, 0.3481, 0.3625



76.9338, 0.3315, 0.3669

Triad

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



76.9338, 0.3481, 0.3625



76.9338, 0.2764, 0.3244



76.9338, 0.3140, 0.3003

Complementary

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



76.9338, 0.3481, 0.3625



65.0153, 0.2790, 0.2931

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.



76.9338, 0.2932, 0.2936



76.9338, 0.3481, 0.3625



76.9338, 0.2720, 0.3065

Square

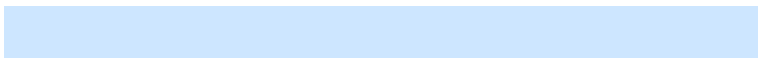
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9338, 0.3481, 0.3625



76.9338, 0.2902, 0.3444



76.9338, 0.2781, 0.2956



76.9338, 0.3351, 0.3141

Rectangle

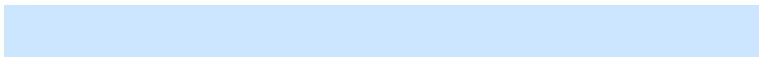
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9338, 0.3481, 0.3625



76.9338, 0.3175, 0.3637



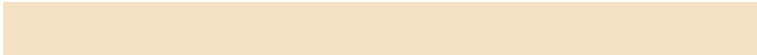
76.9338, 0.2781, 0.2956



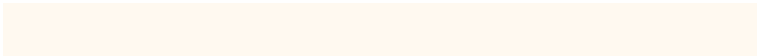
76.9338, 0.3068, 0.2972

Sweetspot

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



76.9373, 0.3481, 0.3625



95.4581, 0.3221, 0.3383



62.1777, 0.3391, 0.3084



20.3285, 0.3231, 0.3393



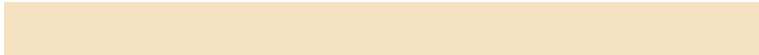
0.0000, 0.0000, 0.0000



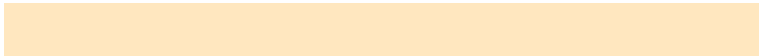
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9373, 0.3481, 0.3625



82.2779, 0.3560, 0.3694



86.7885, 0.3402, 0.3819



18.2116, 0.3278, 0.3438



23.0776, 0.5044, 0.4377



2.2251, 0.4909, 0.4484

Inverse Universe

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



65.0153, 0.2790, 0.2931



66.9720, 0.2719, 0.2849



56.8242, 0.2817, 0.2715



16.9417, 0.2980, 0.3138



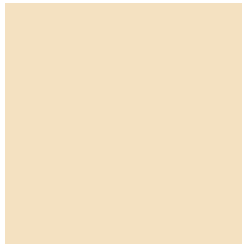
7.8811, 0.1663, 0.1187



0.8832, 0.1732, 0.1435

Previews

White Background



This preview shows how the Yxy color 76.9338, 0.3481, 0.3625 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 76.9338, 0.3481, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

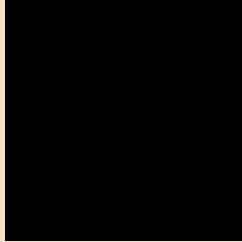
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

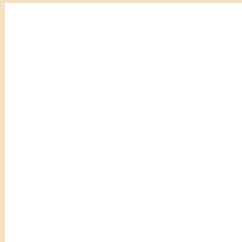
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9338, 0.3481, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 76.9338, 0.3481, 0.3625.

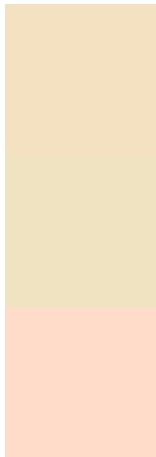


This preview shows how white text looks on a background with the Yxy color 76.9338, 0.3481, 0.3625.

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

76.9338, 0.3481, 0.3625

Protanopia

77.1839, 0.3433, 0.3639

Deuteranopia

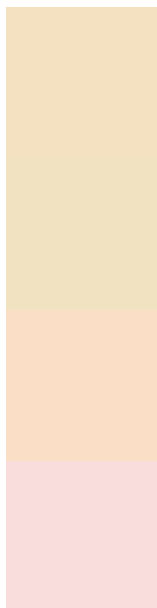
76.6634, 0.3517, 0.3484



Tritanopia

77.0432, 0.3235, 0.3120

Trichromacy



Original Color

76.9338, 0.3481, 0.3625

Protanomaly

76.9885, 0.3449, 0.3627

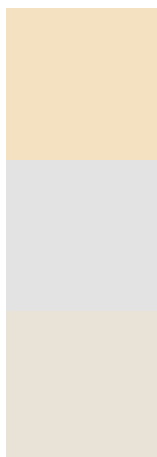
Deuteranomaly

76.8290, 0.3504, 0.3538

Tritanomaly

76.8367, 0.3329, 0.3301

Monochromacy



Original Color

76.9338, 0.3481, 0.3625

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6226, 0.3249, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9338, 0.3481, 0.3625 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(244, 225, 193)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 193)  
}
```

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(244, 225, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 193) }
```

Border

The CSS property to change the border of an element to Yxy 76.9338, 0.3481, 0.3625 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(244, 225, 193) }
```

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

```
.border{ border-color:rgb(244, 225, 193) }
```

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

Here you see how a box with a 4 pixel rgb(244, 225, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 193);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9338, 0.3481, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 193) }
```

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

```
.background{ background-color: rgb(244,  
225, 193) }
```

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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