

Converting Colors

$Y_{xy}(75.8127, 0.3453, 0.3605)$

Have a look what the booklet for
Yxy(75.8127, 0.3453, 0.3605)
contains.

Yxy(75.9071, 0.3453, 0.3607)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.9071, 0.3453, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	F1E0C2
RGB	241, 224, 194
RGB Percent	95%, 88%, 76%
CMY	0.0550, 0.1215, 0.2391
CMYK	0.00, 0.07, 0.19, 0.05
HSL	38°, 63%, 85%
HSV	38°, 19%, 95%
XYZ	72.6663, 75.9071, 61.8705
YIQ	225.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

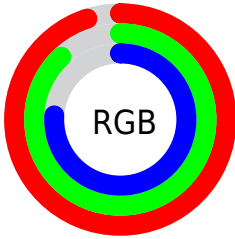
Format	Color
R _Y B	221, 241, 194
Decimal	15851714
CIE Lab	89.82, 1.09, 16.79
CIE LCh	90, 16.822, 86.282
Yxy	75.9071, 0.3453, 0.3607
Android (android.graphics.Color)	4294041794 (0xFFFF1E0C2)
YUV	225.6630, -15.6099, 13.4505
Hunter-Lab	87.1247, -3.5904, 18.8832

Details

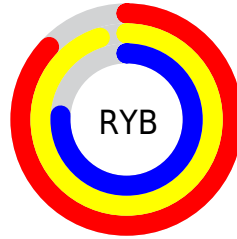
The Yxy color **75.9071, 0.3453, 0.3607** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.4069, 0.2814, 0.2951**, and the grayscale version is **75.9029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.5837, 0.3536, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **70.3511, 0.3646, 0.3777**, and if you desaturate by 10%, it is **81.8853, 0.3277, 0.3441**.

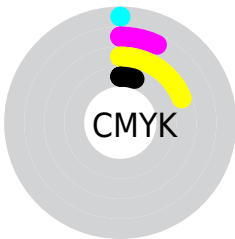
Distribution



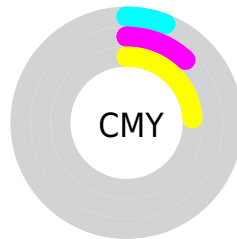
- Red (95%)
- Green (88%)
- Blue (76%)



- Red (87%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (5%)





- Cyan (6%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9071, 0.3453, 0.3607 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 75.9071, 0.3453, 0.3607 by changing the saturation by 10% instead.


 75.9071, 0.3453,
0.3607

 75.9071, 0.3453,
0.3607


481.0296, 0.3303,
0.3462

 56.3563, 0.3487,
0.3640


 127.5956, 0.3401,
0.3557

 40.4887, 0.3529,
0.3680


160.5021, 0.3381,
0.3538

 27.9198, 0.3581,
0.3730


198.6293, 0.3364,
0.3521

 18.2652, 0.3649,
0.3795

242.3616, 0.3349,
0.3506

 11.1405, 0.3740,
0.3882

292.0834, 0.3335,
0.3493

 6.1615, 0.3868,
0.4003

348.1790, 0.3323,

 2.9435, 0.4060,

0.3481

411.0330, 0.3313,
0.3471

0.4182

■ 1.1023, 0.4924,
0.5032

■ 0.0000, 1.0000,
0.0000

■ 75.9071, 0.3453,
0.3607

■ 75.9071, 0.3453,
0.3607

■ 70.3511, 0.3646,
0.3777

■ 81.8853, 0.3277,
0.3441

■ 65.1952, 0.3853,
0.3946

■ 88.2869, 0.3120,
0.3282

■ 60.4299, 0.4072,
0.4106

■ 94.3757, 0.3042,
0.3242

■ 56.0415, 0.4294,
0.4245

■ 97.4380, 0.3041,
0.3290

■ 52.0151, 0.4510,
0.4352

■ 48.3339, 0.4709,
0.4417

■ 44.9788, 0.4880,
0.4430

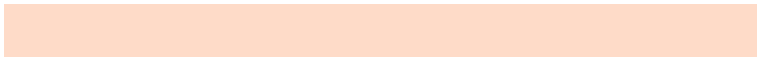
■ 41.9216, 0.5019,
0.4394

■ 41.7719, 0.5026,
0.4391

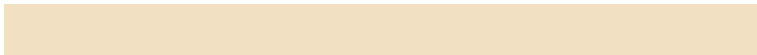
Harmonies

Analogous

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



75.9071, 0.3523, 0.3488



75.9071, 0.3453, 0.3607



75.9071, 0.3295, 0.3643

Triad

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



75.9071, 0.3453, 0.3607



75.9071, 0.2784, 0.3239



75.9071, 0.3148, 0.3025

Complementary

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



75.9071, 0.3453, 0.3607



64.4069, 0.2814, 0.2951

Split Complementary

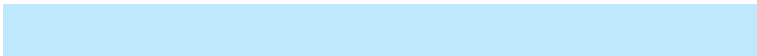
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9071, 0.2952, 0.2959



75.9071, 0.3453, 0.3607



75.9071, 0.2747, 0.3075

Square

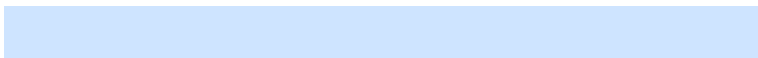
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9071, 0.3453, 0.3607



75.9071, 0.2910, 0.3426



75.9071, 0.2807, 0.2975



75.9071, 0.3344, 0.3157

Rectangle

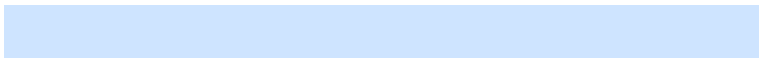
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9071, 0.3453, 0.3607



75.9071, 0.3164, 0.3610



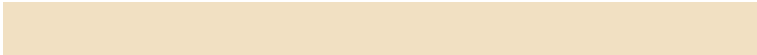
75.9071, 0.2807, 0.2975



75.9071, 0.3080, 0.2995

Sweetspot

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



75.9105, 0.3453, 0.3607



95.5759, 0.3221, 0.3385



62.0051, 0.3375, 0.3107



20.3564, 0.3231, 0.3395



0.0000, 0.0000, 0.0000



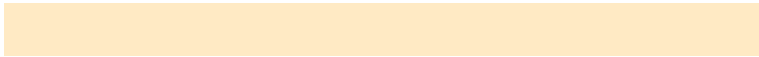
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9105, 0.3453, 0.3607



83.9947, 0.3520, 0.3668



84.4121, 0.3377, 0.3783



17.4422, 0.3277, 0.3440



22.9202, 0.5009, 0.4405



2.0948, 0.4873, 0.4513

Inverse Universe

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



64.4069, 0.2814, 0.2951



68.9112, 0.2753, 0.2881



57.2599, 0.2847, 0.2760



16.1639, 0.2980, 0.3135



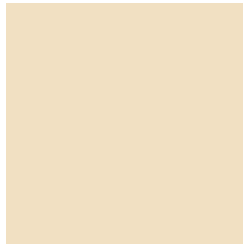
7.3823, 0.1654, 0.1154



0.7966, 0.1727, 0.1416

Previews

White Background



This preview shows how the Yxy color 75.9071, 0.3453, 0.3607 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 75.9071, 0.3453, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

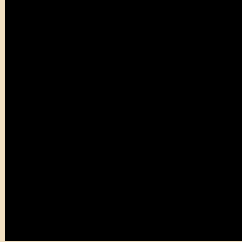
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

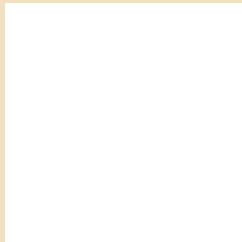
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9071, 0.3453, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 75.9071, 0.3453, 0.3607.



This preview shows how white text looks on a background with the Yxy color 75.9071, 0.3453, 0.3607.

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

75.9071, 0.3453, 0.3607

Protanopia

75.7951, 0.3415, 0.3610

Deuteranopia

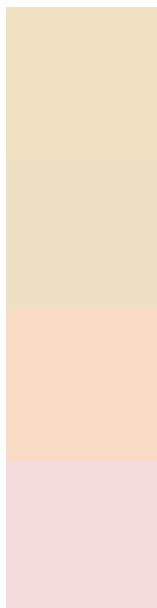
75.5263, 0.3535, 0.3485



Tritanopia

75.7338, 0.3214, 0.3118

Trichromacy



Original Color

75.9071, 0.3453, 0.3607

Protanomaly

75.9677, 0.3422, 0.3609

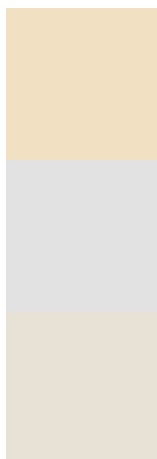
Deuteranomaly

75.5416, 0.3508, 0.3529

Tritanomaly

75.5868, 0.3301, 0.3291

Monochromacy



Original Color

75.9071, 0.3453, 0.3607

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6944, 0.3242, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9071, 0.3453, 0.3607 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(241, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(241, 224, 194)  
}
```

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(241, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 224, 194) }
```

Border

The CSS property to change the border of an element to Yxy 75.9071, 0.3453, 0.3607 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(241, 224, 194) }
```

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

```
.border{ border-color:rgb(241, 224, 194) }
```

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

Here you see how a box with a 4 pixel rgb(241, 224, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 224, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 224, 194);  
box-shadow:4px 4px 4px 4px rgb(241, 224,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9071, 0.3453, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 224, 194) }
```

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

```
.background{ background-color: rgb(241,  
224, 194) }
```

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