

Converting Colors

$Yxy(70.8397, 0.3437, 0.3518)$

Have a look what the booklet for
Yxy(70.8397, 0.3437, 0.3518)
contains.

Yxy(71.0113, 0.3438, 0.3527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0113, 0.3438, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	EDD8C2
RGB	237, 216, 194
RGB Percent	93%, 85%, 76%
CMY	0.0706, 0.1529, 0.2392
CMYK	0.00, 0.09, 0.18, 0.07
HSL	31°, 54%, 85%
HSV	31°, 18%, 93%
XYZ	69.2194, 71.0113, 61.1056
YIQ	219.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

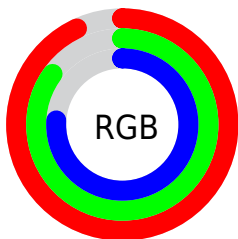
Format	Color
RYB	235, 237, 194
Decimal	15587522
CIELab	87.49, 3.77, 13.46
CIELCh	87, 13.980, 74.360
Yxy	71.0113, 0.3438, 0.3527
Android (android.graphics.Color)	4293777602 (0xFFEDD8C2)
YUV	219.7710, -12.7051, 15.1098
Hunter-Lab	84.2682, -0.8463, 15.9947

Details

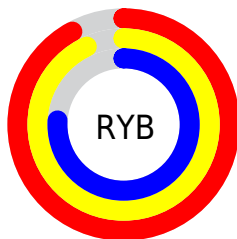
The Yxy color **71.0113, 0.3438, 0.3527** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1917, 0.2841, 0.3041**, and the grayscale version is **71.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **37.2069, 0.3519, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **64.3088, 0.3642, 0.3665**, and if you desaturate by 10%, it is **78.3078, 0.3257, 0.3393**.

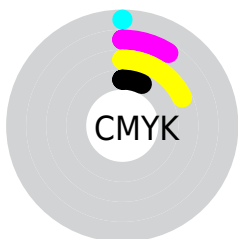
Distribution



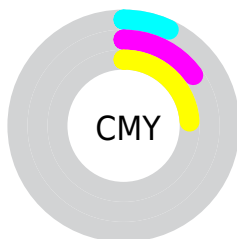
- Red (93%)
- Green (85%)
- Blue (76%)



- Red (92%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0113, 0.3438, 0.3527 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 71.0113, 0.3438, 0.3527 by changing the saturation by 10% instead.


 71.0113, 0.3438,
0.3527

 71.0113, 0.3438,
0.3527


464.0929, 0.3293,
0.3418

 52.3514, 0.3471,
0.3552


 120.6498, 0.3387,
0.3489

 37.2853, 0.3513,
0.3582


152.3972, 0.3368,
0.3475

 25.4284, 0.3565,
0.3620

189.2760, 0.3351,
0.3462

 16.3965, 0.3634,
0.3670

231.6704, 0.3336,
0.3451

 9.8052, 0.3729,
0.3737

279.9649, 0.3324,
0.3441

 5.2700, 0.3865,
0.3831

334.5439, 0.3312,

 2.4065, 0.4078,

0.3433

0.3972

395.7918, 0.3302,
0.3425

■ 0.8292, 0.5151,
0.4849

■ 0.0000, 0.0000,
0.0000

■ 71.0113, 0.3438,
0.3527

■ 71.0113, 0.3438,
0.3527

■ 64.3088, 0.3642,
0.3665

■ 78.3078, 0.3257,
0.3393

■ 58.1743, 0.3871,
0.3804

■ 86.2046, 0.3099,
0.3267

■ 52.5934, 0.4122,
0.3936

■ 94.0513, 0.3018,
0.3248

■ 47.5475, 0.4388,
0.4051

■ 96.7444, 0.3017,
0.3290

■ 43.0166, 0.4661,
0.4137

■ 38.9789, 0.4925,
0.4182

■ 35.4101, 0.5162,
0.4174

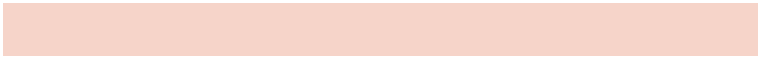
■ 32.2796, 0.5361,
0.4112

■ 31.7384, 0.5396,
0.4098

Harmonies

Analogous

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



71.0113, 0.3461, 0.3407



71.0113, 0.3438, 0.3527



71.0113, 0.3331, 0.3587

Triad

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



71.0113, 0.3438, 0.3527



71.0113, 0.2869, 0.3311



71.0113, 0.3077, 0.3033

Complementary

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



71.0113, 0.3438, 0.3527



66.1917, 0.2841, 0.3041

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.



71.0113, 0.2922, 0.3004



71.0113, 0.3438, 0.3527



71.0113, 0.2805, 0.3159

Square

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



71.0113, 0.3438, 0.3527



71.0113, 0.3002, 0.3462



71.0113, 0.2824, 0.3048



71.0113, 0.3249, 0.3127

Rectangle

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



71.0113, 0.3438, 0.3527



71.0113, 0.3227, 0.3582



71.0113, 0.2824, 0.3048



71.0113, 0.3021, 0.3016

Sweetspot

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



71.0145, 0.3438, 0.3527



95.2967, 0.3206, 0.3353



61.5274, 0.3310, 0.3060



20.2591, 0.3217, 0.3362



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.



71.0145, 0.3438, 0.3527



80.6456, 0.3516, 0.3581



82.4680, 0.3400, 0.3741



16.3283, 0.3280, 0.3411



17.5922, 0.5371, 0.4117



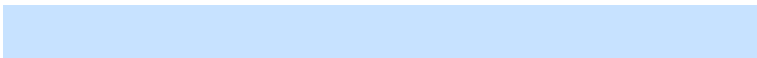
1.5740, 0.5164, 0.4282

Inverse Universe

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



66.1917, 0.2841, 0.3041



73.9047, 0.2776, 0.2980



56.1764, 0.2828, 0.2795



15.7636, 0.2981, 0.3166



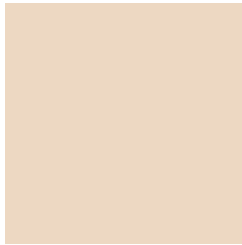
10.3883, 0.1762, 0.1542



1.0078, 0.1832, 0.1796

Previews

White Background



This preview shows how the Yxy color 71.0113, 0.3438, 0.3527 looks on a white background.

Color Contrast Check

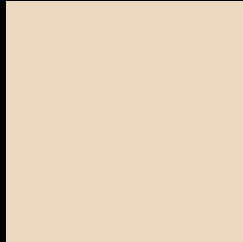
Large Text (above 18pt) WCAG AA × Fail

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 71.0113, 0.3438, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

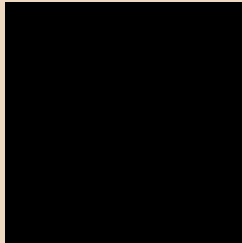
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

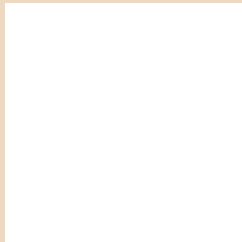
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0113, 0.3438, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 71.0113, 0.3438, 0.3527.



This preview shows how white text looks on a background with the Yxy color 71.0113, 0.3438, 0.3527.

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

71.0113, 0.3438, 0.3527

Protanopia

71.2612, 0.3365, 0.3553

Deuteranopia

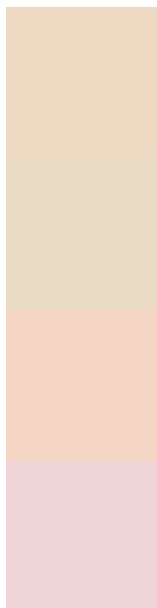
70.6684, 0.3534, 0.3458



Tritanopia

70.8907, 0.3232, 0.3114

Trichromacy



Original Color

71.0113, 0.3438, 0.3527

Protanomaly

71.2387, 0.3389, 0.3540

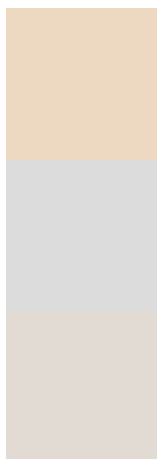
Deuteranomaly

70.9411, 0.3498, 0.3481

Tritanomaly

71.0716, 0.3307, 0.3259

Monochromacy



Original Color

71.0113, 0.3438, 0.3527

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5349, 0.3232, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0113, 0.3438, 0.3527 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(237, 216, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 216, 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(237, 216, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 216, 194) }
```

Border

The CSS property to change the border of an element to Yxy 71.0113, 0.3438, 0.3527 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(237, 216, 194) }
```

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

```
.border{ border-color:rgb(237, 216, 194) }
```

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

Here you see how a box with a 4 pixel rgb(237, 216, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 216, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 216, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 216,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0113, 0.3438, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 216, 194) }
```

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

```
.background{ background-color: rgb(237,  
216, 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