

Converting Colors

$Yxy(74.1357, 0.3307, 0.3514)$

Have a look what the booklet for
Yxy(74.1357, 0.3307, 0.3514)
contains.

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Color

Yxy(74.2811, 0.3303, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	E5E0CB
RGB	229, 224, 203
RGB Percent	90%, 88%, 80%
CMY	0.1017, 0.1216, 0.2039
CMYK	0.00, 0.02, 0.11, 0.10
HSL	48°, 33%, 85%
HSV	48°, 11%, 90%
XYZ	69.7613, 74.2811, 67.1635
YIQ	223.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

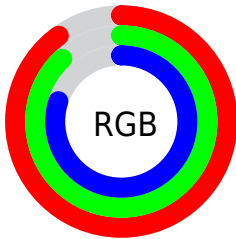
Format	Color
R_{YB}	209, 229, 203
Decimal	15065291
CIE Lab	89.06, -1.80, 10.88
CIE LCh	89, 11.028, 99.417
Yxy	74.2811, 0.3303, 0.3517
Android (android.graphics.Color)	4293255371 (0xFFE5E0CB)
YUV	223.1010, -9.9098, 5.1734
Hunter-Lab	86.1865, -6.3444, 14.1270

Details

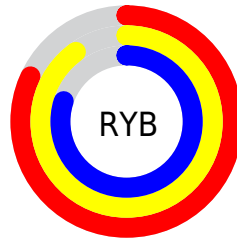
The Yxy color **74.2811, 0.3303, 0.3517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5041, 0.2949, 0.3052**, and the grayscale version is **73.9409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4301, 0.3338, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **70.9088, 0.3469, 0.3724**, and if you desaturate by 10%, it is **77.8840, 0.3148, 0.3317**.

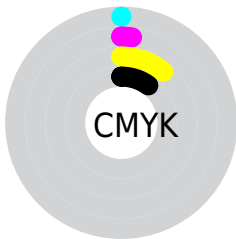
Distribution



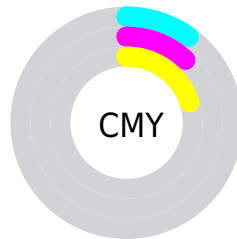
- Red (90%)
- Green (88%)
- Blue (80%)



- Red (82%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (10%)





- Cyan (10%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2811, 0.3303, 0.3517 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 74.2811, 0.3303, 0.3517 by changing the saturation by 10% instead.


 74.2811, 0.3303,
0.3517

 74.2811, 0.3303,
0.3517

475.4430, 0.3222,
0.3412

 55.0241, 0.3321,
0.3541


125.2942, 0.3275,
0.3481

 39.4211, 0.3344,
0.3571


157.8191, 0.3264,
0.3466

 27.0874, 0.3373,
0.3608


195.5355, 0.3255,
0.3454

 17.6389, 0.3410,
0.3658

238.8278, 0.3246,
0.3443

 10.6911, 0.3460,
0.3725

288.0802, 0.3239,
0.3434

 5.8595, 0.3532,
0.3822

343.6773, 0.3233,

 2.7598, 0.3642,

0.3426

0.3973

406.0034, 0.3227,
0.3419

■ 1.0077, 0.4048,
0.4480

■ 0.0000, 0.0000,
0.0000

■ 74.2811, 0.3303,
0.3517

■ 74.2811, 0.3303,
0.3517

■ 70.9088, 0.3469,
0.3724

■ 77.8840, 0.3148,
0.3317

■ 67.7497, 0.3643,
0.3933

■ 81.7149, 0.3004,
0.3127

■ 64.7992, 0.3821,
0.4136

■ 84.6592, 0.2968,
0.3111

■ 62.0485, 0.3996,
0.4324

■ 87.2758, 0.2969,
0.3157

■ 59.4880, 0.4161,
0.4487

■ 89.9570, 0.2969,
0.3202

■ 57.1074, 0.4310,
0.4615

■ 92.7032, 0.2970,
0.3247

■ 54.8944, 0.4434,
0.4700

■ 95.4070, 0.2970,
0.3290

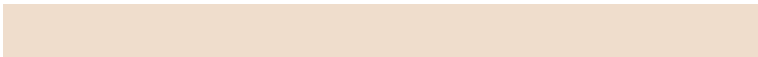
■ 52.8347, 0.4529,
0.4737

■ 51.1608, 0.4590,
0.4737

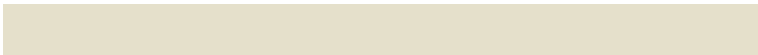
Harmonies

Analogous

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



74.2811, 0.3376, 0.3462



74.2811, 0.3303, 0.3517



74.2811, 0.3183, 0.3510

Triad

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



74.2811, 0.3303, 0.3517



74.2811, 0.2880, 0.3207



74.2811, 0.3201, 0.3147

Complementary

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



74.2811, 0.3303, 0.3517



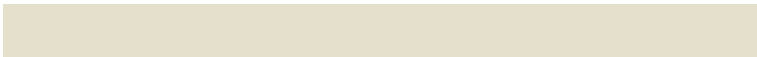
63.5041, 0.2949, 0.3052

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.



74.2811, 0.3067, 0.3082



74.2811, 0.3303, 0.3517



74.2811, 0.2884, 0.3113

Square

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



74.2811, 0.3303, 0.3517



74.2811, 0.2940, 0.3327



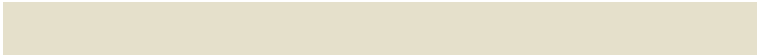
74.2811, 0.2952, 0.3068



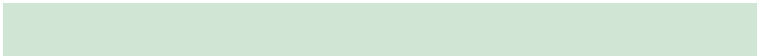
74.2811, 0.3317, 0.3250

Rectangle

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



74.2811, 0.3303, 0.3517



74.2811, 0.3094, 0.3469



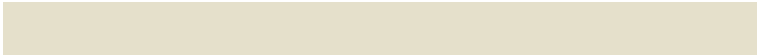
74.2811, 0.2952, 0.3068



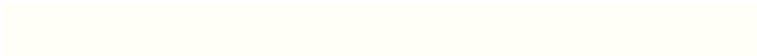
74.2811, 0.3156, 0.3120

Sweetspot

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



74.2844, 0.3303, 0.3517



98.5715, 0.3172, 0.3349



63.9464, 0.3292, 0.3233



21.0176, 0.3185, 0.3365



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.



74.2844, 0.3303, 0.3517



93.5605, 0.3347, 0.3573



75.7906, 0.3241, 0.3575



16.3158, 0.3272, 0.3478



29.4066, 0.4583, 0.4743



2.2954, 0.4516, 0.4796

Inverse Universe

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



63.5041, 0.2949, 0.3052



76.8513, 0.2904, 0.2991



62.1973, 0.3005, 0.2999



14.3385, 0.2980, 0.3095



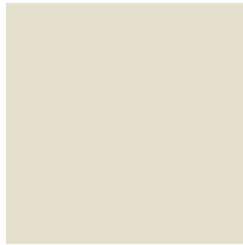
4.4197, 0.1553, 0.0791



0.4543, 0.1624, 0.1046

Previews

White Background



This preview shows how the Yxy color 74.2811, 0.3303, 0.3517 looks on a white background.

Color Contrast Check

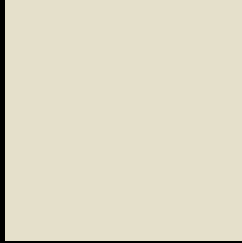
Large Text (above 18pt) WCAG AA × Fail

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 74.2811, 0.3303, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

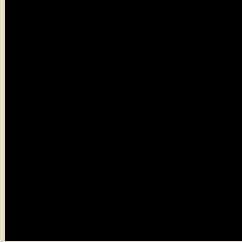
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

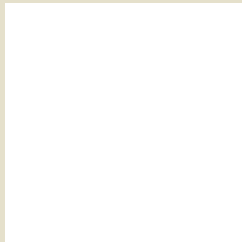
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2811, 0.3303, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 74.2811, 0.3303, 0.3517.



This preview shows how white text looks on a background with the Yxy color 74.2811, 0.3303, 0.3517.

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

74.2811, 0.3303, 0.3517

Protanopia

74.3633, 0.3340, 0.3516

Deuteranopia

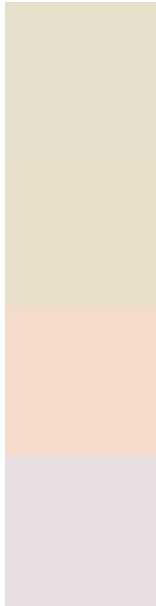
74.2150, 0.3473, 0.3404



Tritanopia

74.2116, 0.3121, 0.3113

Trichromacy



Original Color

74.2811, 0.3303, 0.3517

Protanomaly

74.1954, 0.3333, 0.3516

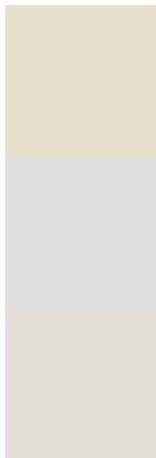
Deuteranomaly

74.2558, 0.3414, 0.3448

Tritanomaly

74.2505, 0.3186, 0.3259

Monochromacy



Original Color

74.2811, 0.3303, 0.3517

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7408, 0.3187, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2811, 0.3303, 0.3517 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(229, 224, 203)` looks like.

```
.text, #text, p{  
    color:rgb(229, 224, 203)  
}
```

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(229, 224, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 224, 203) }
```

Border

The CSS property to change the border of an element to Yxy 74.2811, 0.3303, 0.3517 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(229, 224, 203) }
```

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

```
.border{ border-color:rgb(229, 224, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 224, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 224, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 224, 203);  
box-shadow:4px 4px 4px 4px rgb(229, 224,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2811, 0.3303, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 224, 203) }
```

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

```
.background{ background-color: rgb(229,  
224, 203) }
```

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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