

Converting Colors

$Yxy(73.6883, 0.3410, 0.3514)$

Have a look what the booklet for
Yxy(73.6883, 0.3410, 0.3514)
contains.

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Color

Yxy(73.6606, 0.3411, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	EFDCC7
RGB	239, 220, 199
RGB Percent	94%, 86%, 78%
CMY	0.0626, 0.1373, 0.2198
CMYK	0.00, 0.08, 0.17, 0.06
HSL	32°, 56%, 86%
HSV	32°, 17%, 94%
XYZ	71.5015, 73.6606, 64.4583
YIQ	223.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

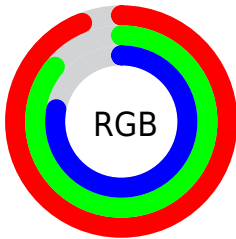
Format	Color
R _Y B	235, 239, 199
Decimal	15719623
CIE Lab	88.76, 3.18, 12.69
CIE LCh	89, 13.083, 75.935
Yxy	73.6606, 0.3411, 0.3514
Android (android.graphics.Color)	4293909703 (0xFFEFDCC7)
YUV	223.2870, -11.9735, 13.7803
Hunter-Lab	85.8258, -1.4866, 15.5491

Details

The Yxy color **73.6606, 0.3411, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5075, 0.2863, 0.3055**, and the grayscale version is **74.0860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0219, 0.3481, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **66.8819, 0.3611, 0.3656**, and if you desaturate by 10%, it is **81.0248, 0.3234, 0.3378**.

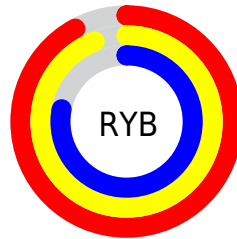
Distribution



Red (94%)

Green (86%)

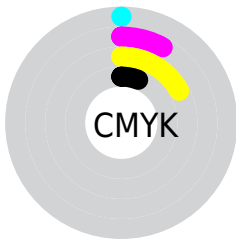
Blue (78%)



Red (92%)

Yellow (94%)

Blue (78%)

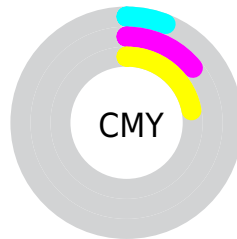


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (6%)



Cyan (6%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6606, 0.3411, 0.3514 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 73.6606, 0.3411, 0.3514 by changing the saturation by 10% instead.


 73.6606, 0.3411,
0.3514

 73.6606, 0.3411,
0.3514


473.3012, 0.3279,
0.3411

 54.5163, 0.3441,
0.3537


124.4146, 0.3365,
0.3479

 39.0146, 0.3478,
0.3566


156.7930, 0.3348,
0.3465

 26.7711, 0.3525,
0.3601

194.3516, 0.3332,
0.3453

 17.4014, 0.3587,
0.3648

237.4748, 0.3319,
0.3442

 10.5211, 0.3670,
0.3710

286.5470, 0.3307,
0.3433

 5.7458, 0.3791,
0.3797

341.9525, 0.3297,

 2.6911, 0.3977,

0.3425

0.3928

404.0758, 0.3288,
0.3418

0.9727, 0.4693,
0.4522

0.0000, 0.0000,
0.0000

73.6606, 0.3411,
0.3514

73.6606, 0.3411,
0.3514

66.8819, 0.3611,
0.3656

81.0248, 0.3234,
0.3378

60.6629, 0.3834,
0.3798

88.9801, 0.3079,
0.3249

54.9898, 0.4078,
0.3934

96.4935, 0.3030,
0.3280

49.8445, 0.4339,
0.4056

97.0954, 0.3030,
0.3290

■ 45.2077, 0.4605,
0.4150

■ 41.0583, 0.4865,
0.4203

■ 37.3727, 0.5100,
0.4206

■ 34.1232, 0.5297,
0.4153

■ 33.1533, 0.5356,
0.4129

Harmonies

Analogous

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



73.6606, 0.3436, 0.3405



73.6606, 0.3411, 0.3514



73.6606, 0.3309, 0.3565

Triad

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



73.6606, 0.3411, 0.3514



73.6606, 0.2884, 0.3302



73.6606, 0.3089, 0.3055

Complementary

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



73.6606, 0.3411, 0.3514



68.5075, 0.2863, 0.3055

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.



73.6606, 0.2944, 0.3025



73.6606, 0.3411, 0.3514



73.6606, 0.2828, 0.3163

Square

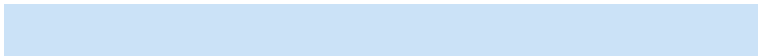
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6606, 0.3411, 0.3514



73.6606, 0.3004, 0.3442



73.6606, 0.2850, 0.3062



73.6606, 0.3248, 0.3144

Rectangle

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



73.6606, 0.3411, 0.3514



73.6606, 0.3212, 0.3557



73.6606, 0.2850, 0.3062



73.6606, 0.3037, 0.3038

Sweetspot

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



73.6639, 0.3411, 0.3514



95.4033, 0.3206, 0.3355



64.2640, 0.3299, 0.3085



20.2849, 0.3217, 0.3364



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.



73.6639, 0.3411, 0.3514



82.6486, 0.3474, 0.3560



84.1100, 0.3374, 0.3707



17.1326, 0.3280, 0.3414



18.5817, 0.5333, 0.4148



1.7450, 0.5142, 0.4299

Inverse Universe

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



68.5075, 0.2863, 0.3055



75.6651, 0.2809, 0.3004



59.2916, 0.2858, 0.2837



16.4669, 0.2980, 0.3163



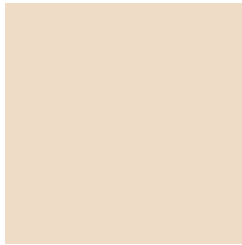
10.2912, 0.1749, 0.1496



1.0540, 0.1817, 0.1741

Previews

White Background



This preview shows how the Yxy color 73.6606, 0.3411, 0.3514 looks on a white background.

Color Contrast Check

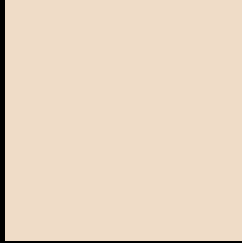
Large Text (above 18pt) WCAG AA × Fail

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 73.6606, 0.3411, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

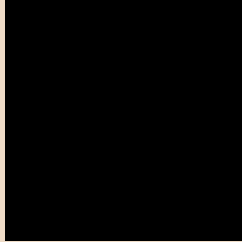
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6606, 0.3411, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 73.6606, 0.3411, 0.3514.



This preview shows how white text looks on a background with the Yxy color 73.6606, 0.3411, 0.3514.

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

73.6606, 0.3411, 0.3514

Protanopia

73.5685, 0.3348, 0.3527

Deuteranopia

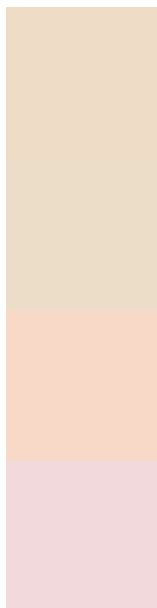
73.6537, 0.3519, 0.3445



Tritanopia

73.4818, 0.3215, 0.3116

Trichromacy



Original Color

73.6606, 0.3411, 0.3514

Protanomaly

73.5452, 0.3372, 0.3515

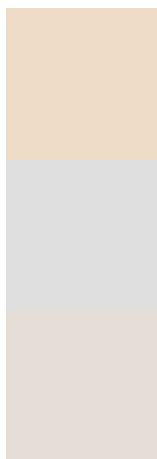
Deuteranomaly

73.7523, 0.3477, 0.3468

Tritanomaly

73.6703, 0.3289, 0.3259

Monochromacy



Original Color

73.6606, 0.3411, 0.3514

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7556, 0.3230, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6606, 0.3411, 0.3514 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(239, 220, 199)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 199)  
}
```

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(239, 220, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 199) }
```

Border

The CSS property to change the border of an element to Yxy 73.6606, 0.3411, 0.3514 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(239, 220, 199) }
```

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

```
.border{ border-color:rgb(239, 220, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 199);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6606, 0.3411, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 199) }
```

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

```
.background{ background-color: rgb(239,  
220, 199) }
```

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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