

Converting Colors

$Yxy(75.5769, 0.3306, 0.3450)$

Have a look what the booklet for
Yxy(75.5769, 0.3306, 0.3450)
contains.

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Color

Yxy(75.5769, 0.3306, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0D1
RGB	235, 224, 209
RGB Percent	92%, 88%, 82%
CMY	0.0784, 0.1215, 0.1806
CMYK	0.00, 0.05, 0.11, 0.08
HSL	35°, 39%, 87%
HSV	35°, 11%, 92%
XYZ	72.4224, 75.5769, 71.0642
YIQ	225.5790, 11.3710, -2.3330

Conversions

Conversions Part 2

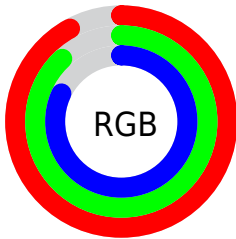
Format	Color
R _Y B	228, 235, 209
Decimal	15458513
CIE Lab	89.66, 1.24, 8.69
CIE LCh	90, 8.781, 81.875
Yxy	75.5769, 0.3306, 0.3450
Android (android.graphics.Color)	4293648593 (0xFFEBE0D1)
YUV	225.5790, -8.1734, 8.2622
Hunter-Lab	86.9350, -3.4343, 12.3884

Details

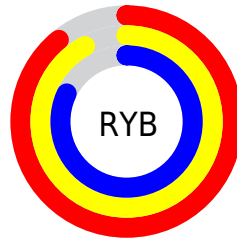
The Yxy color **75.5769, 0.3306, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7119, 0.2955, 0.3125**, and the grayscale version is **75.7882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3262, 0.3342, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **69.3214, 0.3488, 0.3602**, and if you desaturate by 10%, it is **82.3221, 0.3144, 0.3305**.

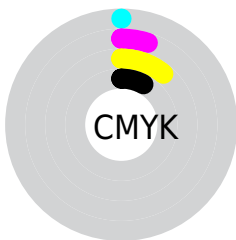
Distribution



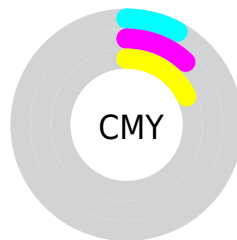
- Red (92%)
- Green (88%)
- Blue (82%)



- Red (89%)
- Yellow (92%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5769, 0.3306, 0.3450 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 75.5769, 0.3306, 0.3450 by changing the saturation by 10% instead.

■ 75.5769, 0.3306,
0.3450

■ 75.5769, 0.3306,
0.3450

479.8981, 0.3224,
0.3377

■ 56.0856, 0.3325,
0.3467

127.1287, 0.3277,
0.3425

■ 40.2716, 0.3348,
0.3487

159.9579, 0.3266,
0.3415

■ 27.7504, 0.3377,
0.3513

198.0020, 0.3257,
0.3406

■ 18.1376, 0.3415,
0.3546

241.6453, 0.3248,
0.3399

■ 11.0488, 0.3467,
0.3592

291.2721, 0.3241,
0.3392

■ 6.0997, 0.3541,
0.3656

347.2669, 0.3235,

■ 2.9058, 0.3656,

0.3387

0.3755

410.0141, 0.3229,
0.3381

■ 1.0827, 0.3936,
0.4004

■ 0.0000, 0.0000,
0.0000

■ 75.5769, 0.3306,
0.3450

■ 75.5769, 0.3306,
0.3450

■ 69.3214, 0.3488,
0.3602

■ 82.3221, 0.3144,
0.3305

■ 63.5328, 0.3691,
0.3758

■ 89.4971, 0.3006,
0.3179

■ 58.2011, 0.3913,
0.3911

■ 95.6260, 0.3005,
0.3278

■ 53.3119, 0.4149,
0.4054

■ 96.4034, 0.3005,
0.3290

■ 48.8501, 0.4393,
0.4177

■ 44.7989, 0.4634,
0.4266

■ 41.1400, 0.4859,
0.4311

■ 37.8526, 0.5054,
0.4302

■ 35.2081, 0.5199,
0.4254

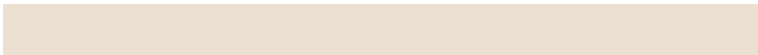
Harmonies

Analogous

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



75.5769, 0.3333, 0.3385



75.5769, 0.3306, 0.3450



75.5769, 0.3230, 0.3473

Triad

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



75.5769, 0.3306, 0.3450



75.5769, 0.2953, 0.3280



75.5769, 0.3124, 0.3141

Complementary

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



75.5769, 0.3306, 0.3450



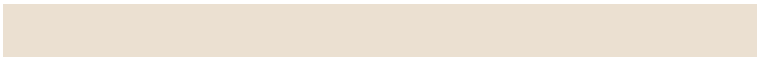
70.7119, 0.2955, 0.3125

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.



75.5769, 0.3023, 0.3113



75.5769, 0.3306, 0.3450



75.5769, 0.2925, 0.3190

Square

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



75.5769, 0.3306, 0.3450



75.5769, 0.3027, 0.3374



75.5769, 0.2951, 0.3130



75.5769, 0.3227, 0.3208

Rectangle

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



75.5769, 0.3306, 0.3450



75.5769, 0.3163, 0.3460



75.5769, 0.2951, 0.3130



75.5769, 0.3088, 0.3127

Sweetspot

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



75.5802, 0.3306, 0.3450



97.4733, 0.3173, 0.3332



68.4242, 0.3244, 0.3170



20.7207, 0.3186, 0.3344



0.0000, 0.0000, 0.0000



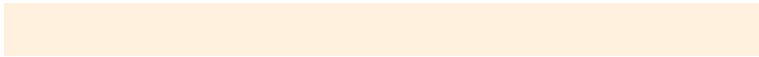
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5802, 0.3306, 0.3450



89.4378, 0.3340, 0.3480



81.3912, 0.3280, 0.3564



16.4995, 0.3278, 0.3426



19.8518, 0.5179, 0.4270



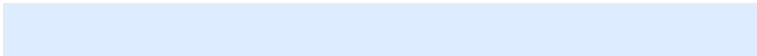
1.7486, 0.5005, 0.4408

Inverse Universe

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



70.7119, 0.2955, 0.3125



82.6292, 0.2923, 0.3093



65.3829, 0.2965, 0.3002



15.5944, 0.2980, 0.3150



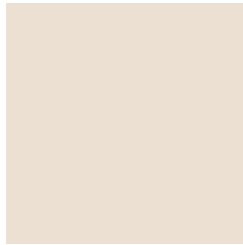
8.5693, 0.1703, 0.1332



0.8596, 0.1779, 0.1603

Previews

White Background



This preview shows how the Yxy color 75.5769, 0.3306, 0.3450 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 75.5769, 0.3306, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

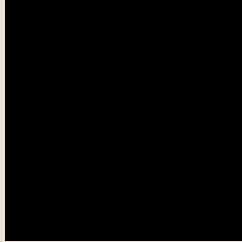
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

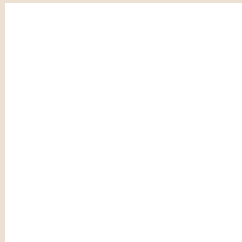
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5769, 0.3306, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 75.5769, 0.3306, 0.3450.

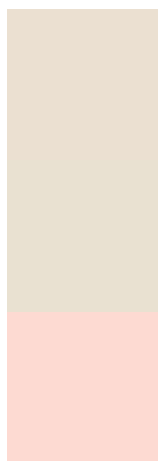


This preview shows how white text looks on a background with the Yxy color 75.5769, 0.3306, 0.3450.

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

75.5769, 0.3306, 0.3450

Protanopia

75.7775, 0.3290, 0.3461

Deuteranopia

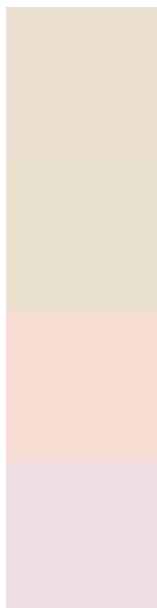
75.6786, 0.3441, 0.3372



Tritanopia

75.6515, 0.3149, 0.3116

Trichromacy



Original Color

75.5769, 0.3306, 0.3450

Protanomaly

75.9463, 0.3297, 0.3460

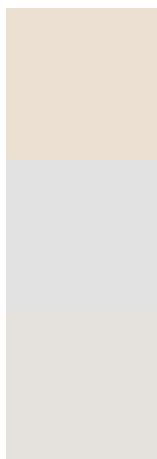
Deuteranomaly

75.4324, 0.3385, 0.3394

Tritanomaly

75.4361, 0.3208, 0.3228

Monochromacy



Original Color

75.5769, 0.3306, 0.3450

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6757, 0.3188, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5769, 0.3306, 0.3450 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(235, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 209)  
}
```

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(235, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 75.5769, 0.3306, 0.3450 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(235, 224, 209) }
```

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

```
.border{ border-color:rgb(235, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5769, 0.3306, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 209) }
```

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

```
.background{ background-color: rgb(235,  
224, 209) }
```

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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