

Converting Colors

$Y_{xy}(74.9711, 0.3296, 0.3384)$

Have a look what the booklet for
Yxy(74.9711, 0.3296, 0.3384)
contains.

Yxy(75.0512, 0.3295, 0.3385)	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(75.0512, 0.3295, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	EDDED5
RGB	237, 222, 213
RGB Percent	93%, 87%, 84%
CMY	0.0707, 0.1294, 0.1646
CMYK	0.00, 0.06, 0.10, 0.07
HSL	22°, 40%, 88%
HSV	22°, 10%, 93%
XYZ	73.0557, 75.0512, 73.6100
YIQ	225.4590, 11.8290, 0.3810

Conversions

Conversions Part 2

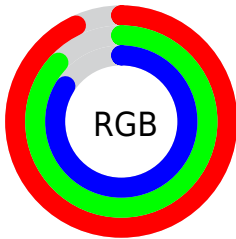
Format	Color
R _Y B	237, 227, 213
Decimal	15589077
CIE Lab	89.42, 3.63, 6.22
CIE LCh	89, 7.202, 59.760
Yxy	75.0512, 0.3295, 0.3385
Android (android.graphics.Color)	4293779157 (0xFFEDED5)
YUV	225.4590, -6.1423, 10.1215
Hunter-Lab	86.6321, -1.0794, 10.2646

Details

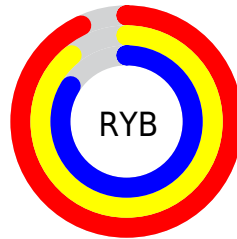
The Yxy color **75.0512, 0.3295, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7584, 0.2971, 0.3193**, and the grayscale version is **75.6833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9298, 0.3338, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **66.4074, 0.3490, 0.3485**, and if you desaturate by 10%, it is **84.5694, 0.3129, 0.3291**.

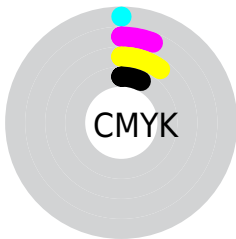
Distribution



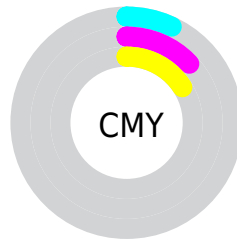
- Red (93%)
- Green (87%)
- Blue (84%)



- Red (93%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0512, 0.3295, 0.3385 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 75.0512, 0.3295, 0.3385 by changing the saturation by 10% instead.

 75.0512, 0.3295,
0.3385

 75.0512, 0.3295,
0.3385


478.0935, 0.3217,
0.3342

 55.6548, 0.3313,
0.3395


126.3848, 0.3268,
0.3370

 39.9263, 0.3335,
0.3407


159.0909, 0.3258,
0.3364

 27.4810, 0.3362,
0.3422


197.0023, 0.3249,
0.3359

 17.9348, 0.3399,
0.3441

240.5035, 0.3241,
0.3355

 10.9032, 0.3448,
0.3467

289.9788, 0.3234,
0.3351

 6.0018, 0.3519,
0.3504

345.8126, 0.3228,

 2.8462, 0.3631,

0.3348

0.3560

408.3894, 0.3222,
0.3345

■ 1.0520, 0.3862,
0.3685

■ 0.0000, 1.0000,
0.0000

■ 75.0512, 0.3295,
0.3385

■ 75.0512, 0.3295,
0.3385

■ 66.4074, 0.3490,
0.3485

■ 84.5694, 0.3129,
0.3291

■ 58.6029, 0.3717,
0.3588

■ 94.6215, 0.3017,
0.3257

■ 51.6143, 0.3978,
0.3691

■ 96.7416, 0.3017,
0.3290

■ 45.4136, 0.4273,
0.3786

■ 39.9708, 0.4596,
0.3864

■ 35.2540, 0.4933,
0.3913

■ 31.2284, 0.5263,
0.3918

■ 27.8554, 0.5557,
0.3872

■ 25.1106, 0.5794,
0.3782

Harmonies

Analogous

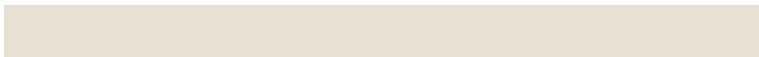
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0512, 0.3283, 0.3316



75.0512, 0.3295, 0.3385



75.0512, 0.3261, 0.3430

Triad

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



75.0512, 0.3295, 0.3385



75.0512, 0.3026, 0.3340



75.0512, 0.3062, 0.3146

Complementary

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



75.0512, 0.3295, 0.3385



75.7584, 0.2971, 0.3193

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.



75.0512, 0.2994, 0.3151



75.0512, 0.3295, 0.3385



75.0512, 0.2974, 0.3261

Square

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



75.0512, 0.3295, 0.3385



75.0512, 0.3105, 0.3405



75.0512, 0.2962, 0.3192



75.0512, 0.3148, 0.3179

Rectangle

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



75.0512, 0.3295, 0.3385



75.0512, 0.3218, 0.3440



75.0512, 0.2962, 0.3192



75.0512, 0.3036, 0.3144

Sweetspot

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



75.0545, 0.3295, 0.3385



96.5026, 0.3174, 0.3318



71.2213, 0.3199, 0.3132



20.4589, 0.3187, 0.3325



0.0000, 0.0000, 0.0000



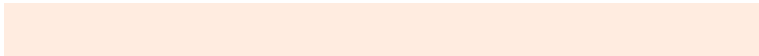
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0545, 0.3295, 0.3385



86.5762, 0.3330, 0.3404



81.5340, 0.3281, 0.3506



15.9786, 0.3283, 0.3379



13.9434, 0.5765, 0.3805



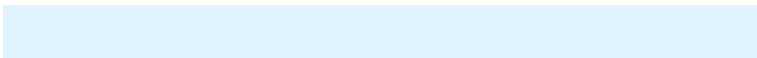
1.2744, 0.5504, 0.4012

Inverse Universe

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



75.7584, 0.2971, 0.3193



87.5537, 0.2940, 0.3173



69.4945, 0.2969, 0.3064



16.1185, 0.2981, 0.3200



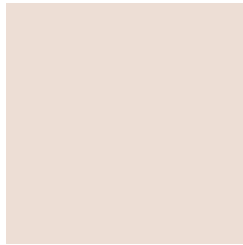
15.1978, 0.1893, 0.2016



1.3771, 0.1948, 0.2212

Previews

White Background



This preview shows how the Yxy color 75.0512, 0.3295, 0.3385 looks on a white background.

Color Contrast Check

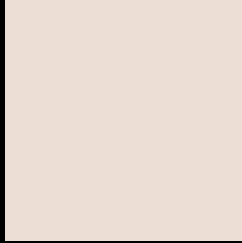
Large Text (above 18pt) WCAG AA × Fail

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 75.0512, 0.3295, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

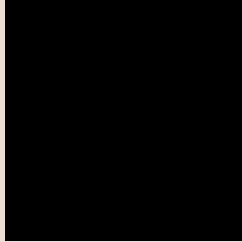
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

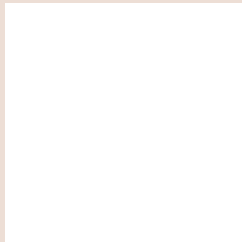
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0512, 0.3295, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 75.0512, 0.3295, 0.3385.

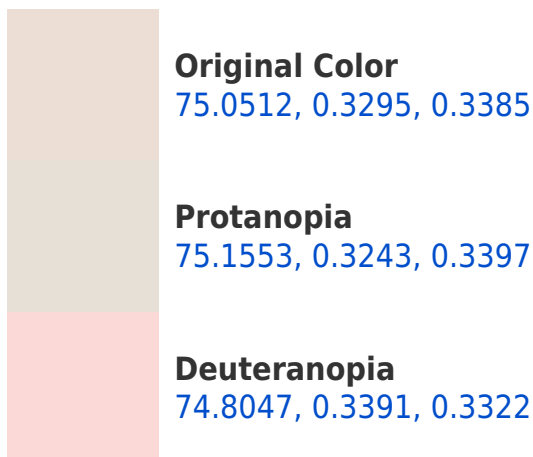


This preview shows how white text looks on a background with the Yxy color 75.0512, 0.3295, 0.3385.

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

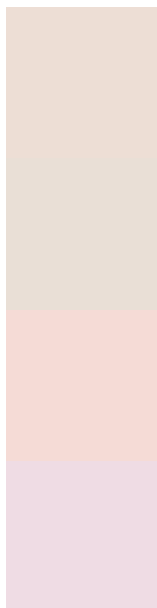




Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.0512, 0.3295, 0.3385

Protanomaly

74.9540, 0.3258, 0.3386

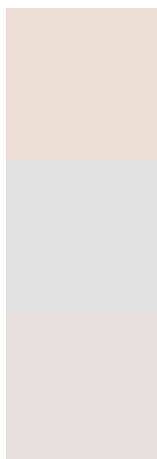
Deuteranomaly

74.9306, 0.3351, 0.3342

Tritanomaly

75.1386, 0.3210, 0.3207

Monochromacy



Original Color

75.0512, 0.3295, 0.3385

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1898, 0.3182, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0512, 0.3295, 0.3385 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, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 213)  
}
```

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, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 75.0512, 0.3295, 0.3385 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, 222, 213) }
```

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

```
.border{ border-color:rgb(237, 222, 213) }
```

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

Here you see how a box with a 4 pixel rgb(237, 222, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0512, 0.3295, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 213) }
```

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

```
.background{ background-color: rgb(237,  
222, 213) }
```

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