

Converting Colors

$Yxy(74.9943, 0.3353, 0.3477)$

Have a look what the booklet for
Yxy(74.9943, 0.3353, 0.3477)
contains.

Yxy(75.1877, 0.3349, 0.3481)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.1877, 0.3349, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	EDDFCD
RGB	237, 223, 205
RGB Percent	93%, 87%, 80%
CMY	0.0705, 0.1255, 0.1960
CMYK	0.00, 0.06, 0.13, 0.07
HSL	34°, 47%, 87%
HSV	34°, 13%, 93%
XYZ	72.3366, 75.1877, 68.4703
YIQ	225.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

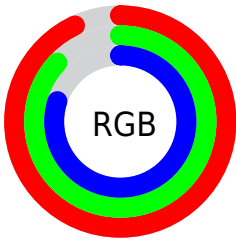
Format	Color
R_{YB}	230, 237, 205
Decimal	15589325
CIE _{Lab}	89.48, 1.84, 10.52
CIE _{LCh}	89, 10.677, 80.056
Yxy	75.1877, 0.3349, 0.3481
Android (android.graphics.Color)	4293779405 (0xFFEDDFCD)
YUV	225.1340, -9.9261, 10.4065
Hunter-Lab	86.7108, -2.8344, 13.8799

Details

The Yxy color **75.1877, 0.3349, 0.3481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7767, 0.2916, 0.3091**, and the grayscale version is **75.4653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0634, 0.3399, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **68.7537, 0.3538, 0.3630**, and if you desaturate by 10%, it is **82.1418, 0.3181, 0.3338**.

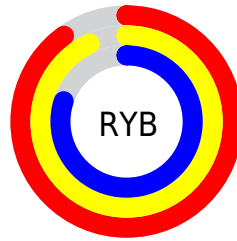
Distribution



Red (93%)

Green (87%)

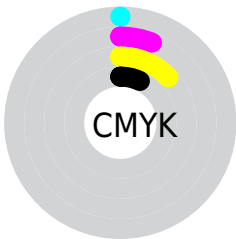
Blue (80%)



Red (90%)

Yellow (93%)

Blue (80%)

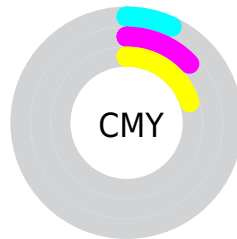


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1877, 0.3349, 0.3481 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 75.1877, 0.3349, 0.3481 by changing the saturation by 10% instead.


 75.1877, 0.3349,
0.3481

 75.1877, 0.3349,
0.3481


478.5625, 0.3247,
0.3394

 55.7667, 0.3372,
0.3501

126.5780, 0.3314,
0.3451

 40.0159, 0.3401,
0.3525


159.3161, 0.3300,
0.3439

 27.5509, 0.3437,
0.3556


197.2620, 0.3288,
0.3429

 17.9874, 0.3485,
0.3596

240.8001, 0.3277,
0.3420

 10.9410, 0.3549,
0.3649

290.3148, 0.3268,
0.3412

 6.0271, 0.3642,
0.3725

346.1905, 0.3260,

 2.8616, 0.3784,

0.3405

0.3841

408.8116, 0.3253,
0.3399

■ 1.0599, 0.4192,
0.4195

■ 0.0000, 0.0000,
0.0000

■ 75.1877, 0.3349,
0.3481

■ 75.1877, 0.3349,
0.3481

■ 68.7537, 0.3538,
0.3630

■ 82.1418, 0.3181,
0.3338

■ 62.8161, 0.3748,
0.3782

■ 89.6192, 0.3033,
0.3204

■ 57.3635, 0.3977,
0.3930

■ 96.1996, 0.3017,
0.3281

■ 52.3805, 0.4221,
0.4066

■ 96.7464, 0.3017,
0.3290

■ 47.8505, 0.4472,
0.4179

■ 43.7554, 0.4718,
0.4255

■ 40.0752, 0.4944,
0.4283

■ 36.7867, 0.5137,
0.4257

■ 34.8391, 0.5246,
0.4217

Harmonies

Analogous

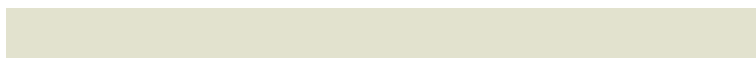
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1877, 0.3379, 0.3399



75.1877, 0.3349, 0.3481



75.1877, 0.3259, 0.3514

Triad

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



75.1877, 0.3349, 0.3481



75.1877, 0.2919, 0.3284



75.1877, 0.3115, 0.3106

Complementary

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



75.1877, 0.3349, 0.3481



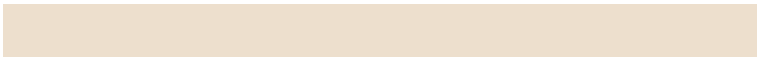
69.7767, 0.2916, 0.3091

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.



75.1877, 0.2993, 0.3074



75.1877, 0.3349, 0.3481



75.1877, 0.2882, 0.3174

Square

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



75.1877, 0.3349, 0.3481



75.1877, 0.3012, 0.3399



75.1877, 0.2909, 0.3098



75.1877, 0.3242, 0.3184

Rectangle

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



75.1877, 0.3349, 0.3481



75.1877, 0.3179, 0.3501



75.1877, 0.2909, 0.3098



75.1877, 0.3072, 0.3090

Sweetspot

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



75.1910, 0.3349, 0.3481



96.5432, 0.3189, 0.3345



66.8158, 0.3269, 0.3138



20.5275, 0.3201, 0.3356



0.0000, 0.0000, 0.0000



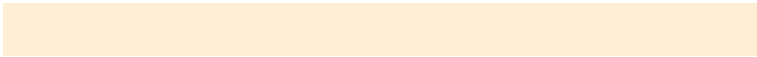
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1910, 0.3349, 0.3481



86.7697, 0.3395, 0.3519



82.7157, 0.3318, 0.3625



16.4587, 0.3279, 0.3422



19.2850, 0.5224, 0.4234



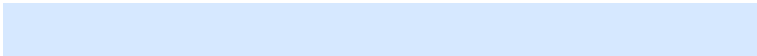
1.7054, 0.5042, 0.4378

Inverse Universe

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



69.7767, 0.2916, 0.3091



79.2981, 0.2874, 0.3050



62.9988, 0.2922, 0.2934



15.6344, 0.2980, 0.3154



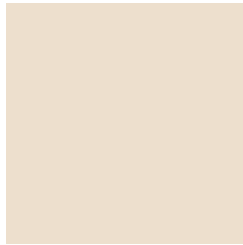
8.9724, 0.1717, 0.1380



0.8931, 0.1791, 0.1648

Previews

White Background



This preview shows how the Yxy color 75.1877, 0.3349, 0.3481 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 75.1877, 0.3349, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

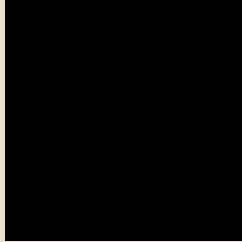
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

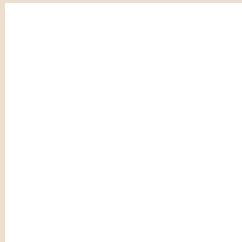
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1877, 0.3349, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 75.1877, 0.3349, 0.3481.

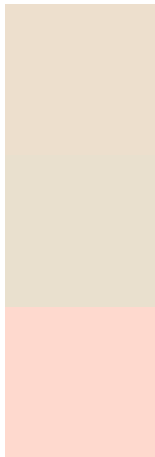


This preview shows how white text looks on a background with the Yxy color 75.1877, 0.3349, 0.3481.

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

75.1877, 0.3349, 0.3481

Protanopia

75.0912, 0.3311, 0.3483

Deuteranopia

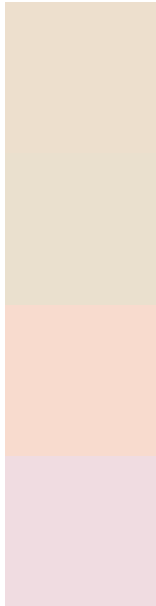
75.1528, 0.3479, 0.3403



Tritanopia

74.8997, 0.3172, 0.3106

Trichromacy



Original Color

75.1877, 0.3349, 0.3481

Protanomaly

75.2600, 0.3319, 0.3482

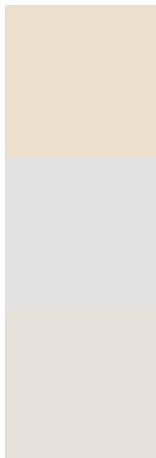
Deuteranomaly

75.0757, 0.3430, 0.3425

Tritanomaly

75.1479, 0.3237, 0.3238

Monochromacy



Original Color

75.1877, 0.3349, 0.3481

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0313, 0.3202, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1877, 0.3349, 0.3481 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, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 205)  
}
```

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, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 205) }
```

Border

The CSS property to change the border of an element to Yxy 75.1877, 0.3349, 0.3481 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, 223, 205) }
```

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

```
.border{ border-color:rgb(237, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1877, 0.3349, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 205) }
```

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

```
.background{ background-color: rgb(237,  
223, 205) }
```

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