

Converting Colors

$Y_{xy}(75.1207, 0.3403, 0.3556)$

Have a look what the booklet for
Yxy(75.1207, 0.3403, 0.3556)
contains.

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Color

Yxy(75.0297, 0.3405, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFC6
RGB	238, 223, 198
RGB Percent	93%, 87%, 78%
CMY	0.0666, 0.1255, 0.2235
CMYK	0.00, 0.06, 0.17, 0.07
HSL	37°, 54%, 85%
HSV	37°, 17%, 93%
XYZ	71.8437, 75.0297, 64.1213
YIQ	224.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

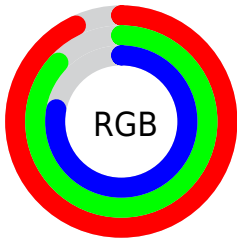
Format	Color
R _Y B	222, 238, 198
Decimal	15654854
CIE Lab	89.41, 1.12, 14.10
CIE LCh	89, 14.141, 85.444
Yxy	75.0297, 0.3405, 0.3556
Android (android.graphics.Color)	4293844934 (0xFFEEDFC6)
YUV	224.6350, -13.1311, 11.7211
Hunter-Lab	86.6197, -3.5338, 16.7436

Details

The Yxy color **75.0297, 0.3405, 0.3556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7746, 0.2860, 0.3009**, and the grayscale version is **75.1093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9640, 0.3473, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **69.3729, 0.3594, 0.3722**, and if you desaturate by 10%, it is **81.1174, 0.3234, 0.3395**.

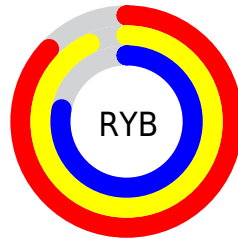
Distribution



Red (93%)

Green (87%)

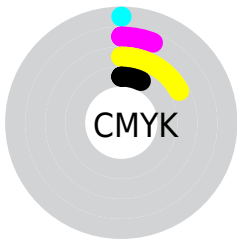
Blue (78%)



Red (87%)

Yellow (93%)

Blue (78%)

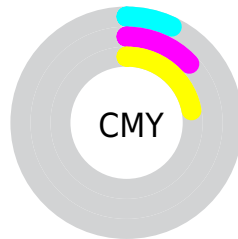


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (13%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0297, 0.3405, 0.3556 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 75.0297, 0.3405, 0.3556 by changing the saturation by 10% instead.


 75.0297, 0.3405,
0.3556

 75.0297, 0.3405,
0.3556

478.0196, 0.3277,
0.3434

 55.6372, 0.3434,
0.3584

126.3544, 0.3361,
0.3514

 39.9121, 0.3470,
0.3618

159.0554, 0.3343,
0.3497

 27.4700, 0.3515,
0.3660


196.9614, 0.3329,
0.3483

 17.9266, 0.3574,
0.3716

240.4567, 0.3316,
0.3471

 10.8973, 0.3654,
0.3790

289.9258, 0.3304,
0.3460

 5.9978, 0.3767,
0.3895

345.7531, 0.3294,

 2.8437, 0.3939,

0.3450

408.3229, 0.3285,
0.3442

0.4054

1.0507, 0.4620,
0.4714

0.0000, 0.0000,
0.0000

75.0297, 0.3405,
0.3556

75.0297, 0.3405,
0.3556

69.3729, 0.3594,
0.3722

81.1174, 0.3234,
0.3395

64.1252, 0.3801,
0.3889

87.6373, 0.3080,
0.3242

59.2773, 0.4020,
0.4049

93.6406, 0.3024,
0.3238

54.8156, 0.4246,
0.4191

96.9194, 0.3023,
0.3290

■ 50.7257, 0.4471,
0.4306

■ 46.9912, 0.4682,
0.4380

■ 43.5939, 0.4868,
0.4405

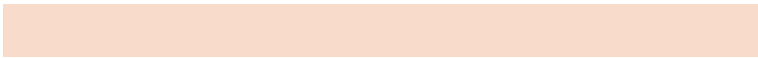
■ 40.5116, 0.5020,
0.4377

■ 39.5850, 0.5064,
0.4361

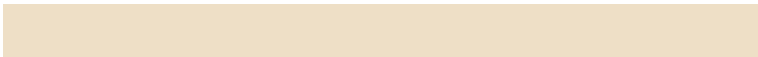
Harmonies

Analogous

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



75.0297, 0.3461, 0.3455



75.0297, 0.3405, 0.3556



75.0297, 0.3274, 0.3587

Triad

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



75.0297, 0.3405, 0.3556



75.0297, 0.2838, 0.3253



75.0297, 0.3141, 0.3063

Complementary

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



75.0297, 0.3405, 0.3556



65.7746, 0.2860, 0.3009

Split Complementary

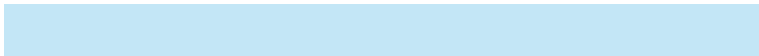
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0297, 0.2976, 0.3008



75.0297, 0.3405, 0.3556



75.0297, 0.2804, 0.3112

Square

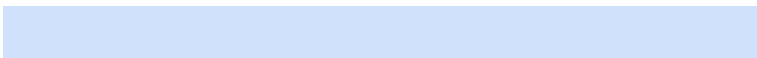
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0297, 0.3405, 0.3556



75.0297, 0.2948, 0.3409



75.0297, 0.2854, 0.3025



75.0297, 0.3306, 0.3174

Rectangle

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



75.0297, 0.3405, 0.3556



75.0297, 0.3164, 0.3560



75.0297, 0.2854, 0.3025



75.0297, 0.3083, 0.3037

Sweetspot

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



75.0330, 0.3405, 0.3556



96.1917, 0.3205, 0.3367



63.3894, 0.3330, 0.3126



20.4766, 0.3216, 0.3378



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.



75.0330, 0.3405, 0.3556



85.5335, 0.3465, 0.3610



82.6159, 0.3347, 0.3712



17.4044, 0.3278, 0.3437



22.3383, 0.5047, 0.4375



2.0488, 0.4905, 0.4488

Inverse Universe

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



65.7746, 0.2860, 0.3009



72.9042, 0.2805, 0.2948



59.2126, 0.2885, 0.2839



16.2004, 0.2980, 0.3138



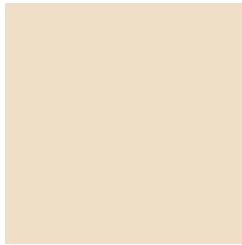
7.6856, 0.1665, 0.1192



0.8246, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 75.0297, 0.3405, 0.3556 looks on a white background.

Color Contrast Check

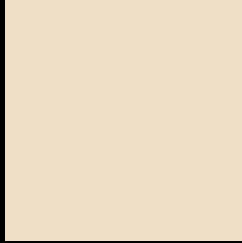
Large Text (above 18pt) WCAG AA × Fail

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 75.0297, 0.3405, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

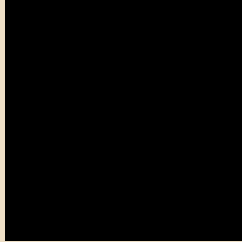
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

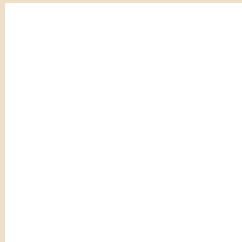
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0297, 0.3405, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 75.0297, 0.3405, 0.3556.

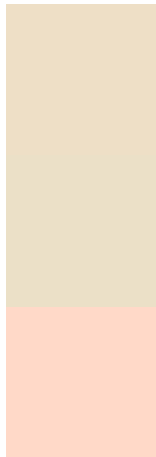


This preview shows how white text looks on a background with the Yxy color 75.0297, 0.3405, 0.3556.

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

75.0297, 0.3405, 0.3556

Protanopia

75.0970, 0.3374, 0.3557

Deuteranopia

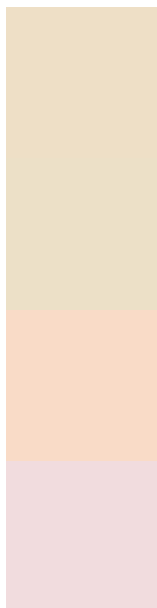
75.0558, 0.3530, 0.3465



Tritanopia

75.1957, 0.3193, 0.3117

Trichromacy



Original Color

75.0297, 0.3405, 0.3556

Protanomaly

75.2677, 0.3381, 0.3557

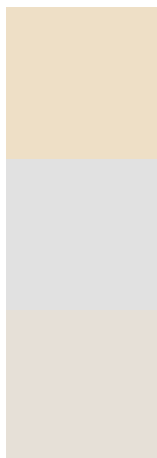
Deuteranomaly

74.9263, 0.3488, 0.3498

Tritanomaly

75.1611, 0.3265, 0.3270

Monochromacy



Original Color

75.0297, 0.3405, 0.3556

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0406, 0.3229, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0297, 0.3405, 0.3556 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(238, 223, 198)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 198)  
}
```

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(238, 223, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 198) }
```

Border

The CSS property to change the border of an element to Yxy 75.0297, 0.3405, 0.3556 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(238, 223, 198) }
```

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

```
.border{ border-color:rgb(238, 223, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 198);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0297, 0.3405, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 198) }
```

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

```
.background{ background-color: rgb(238,  
223, 198) }
```

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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