

Converting Colors

$Y_{xy}(74.4253, 0.3266, 0.3394)$

Have a look what the booklet for
Yxy(74.4253, 0.3266, 0.3394)
contains.

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Color

Yxy(74.3703, 0.3266, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	E9DED5
RGB	233, 222, 213
RGB Percent	91%, 87%, 84%
CMY	0.0863, 0.1294, 0.1646
CMYK	0.00, 0.05, 0.09, 0.09
HSL	27°, 31%, 87%
HSV	27°, 9%, 91%
XYZ	71.7346, 74.3703, 73.5357
YIQ	224.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

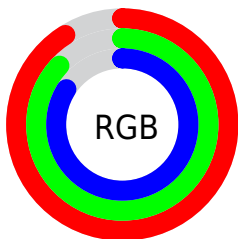
Format	Color
R _Y B	233, 229, 213
Decimal	15326933
CIE Lab	89.10, 2.23, 5.73
CIE LCh	89, 6.147, 68.755
Yxy	74.3703, 0.3266, 0.3386
Android (android.graphics.Color)	4293517013 (0xFFE9DED5)
YUV	224.2630, -5.5527, 7.6623
Hunter-Lab	86.2382, -2.4371, 9.8099

Details

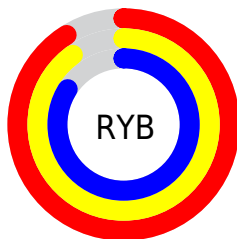
The Yxy color **74.3703, 0.3266, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3424, 0.2995, 0.3192**, and the grayscale version is **74.7762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4532, 0.3300, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **66.7247, 0.3451, 0.3504**, and if you desaturate by 10%, it is **82.7095, 0.3106, 0.3275**.

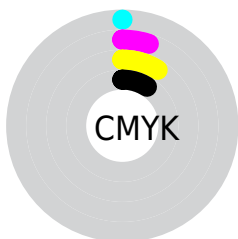
Distribution



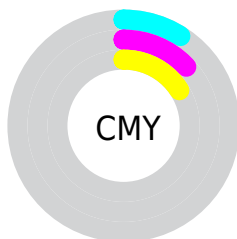
- Red (91%)
- Green (87%)
- Blue (84%)



- Red (91%)
- Yellow (90%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3703, 0.3266, 0.3386 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 74.3703, 0.3266, 0.3386 by changing the saturation by 10% instead.

 74.3703, 0.3266,
0.3386

 74.3703, 0.3266,
0.3386


475.7504, 0.3202,
0.3342

 55.0972, 0.3281,
0.3396


125.4206, 0.3244,
0.3371

 39.4795, 0.3299,
0.3408


157.9665, 0.3235,
0.3365

 27.1330, 0.3322,
0.3424


195.7056, 0.3228,
0.3360

 17.6731, 0.3352,
0.3444

239.0220, 0.3221,
0.3355

 10.7156, 0.3393,
0.3471

288.3004, 0.3215,
0.3351

 5.8759, 0.3452,
0.3510

343.9249, 0.3210,

 2.7698, 0.3545,

0.3348

0.3570

406.2802, 0.3206,
0.3345

1.0127, 0.3745,
0.3707

0.0000, 0.0000,
0.0000

74.3703, 0.3266,
0.3386

74.3703, 0.3266,
0.3386

66.7247, 0.3451,
0.3504

82.7095, 0.3106,
0.3275

59.7444, 0.3664,
0.3627

91.4495, 0.2993,
0.3216

53.4130, 0.3905,
0.3750

96.0619, 0.2993,
0.3290

47.7100, 0.4173,
0.3866

■ 42.6133, 0.4463,
0.3966

■ 38.0997, 0.4763,
0.4037

■ 34.1435, 0.5058,
0.4066

■ 30.7166, 0.5324,
0.4043

■ 27.7835, 0.5546,
0.3967

Harmonies

Analogous

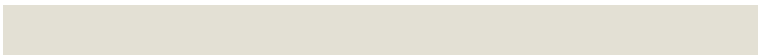
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3703, 0.3268, 0.3331



74.3703, 0.3266, 0.3386



74.3703, 0.3227, 0.3416

Triad

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



74.3703, 0.3266, 0.3386



74.3703, 0.3024, 0.3313



74.3703, 0.3093, 0.3172

Complementary

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



74.3703, 0.3266, 0.3386



73.3424, 0.2995, 0.3192

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.



74.3703, 0.3028, 0.3166



74.3703, 0.3266, 0.3386



74.3703, 0.2989, 0.3246

Square

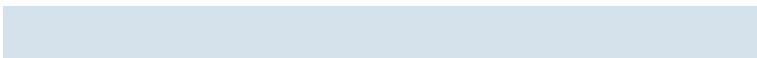
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3703, 0.3266, 0.3386



74.3703, 0.3087, 0.3374



74.3703, 0.2990, 0.3193



74.3703, 0.3167, 0.3209

Rectangle

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



74.3703, 0.3266, 0.3386



74.3703, 0.3185, 0.3417



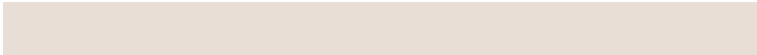
74.3703, 0.2990, 0.3193



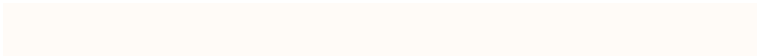
74.3703, 0.3069, 0.3166

Sweetspot

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



74.3736, 0.3266, 0.3386



96.8625, 0.3174, 0.3323



70.3013, 0.3199, 0.3174



20.5559, 0.3187, 0.3332



0.0000, 0.0000, 0.0000



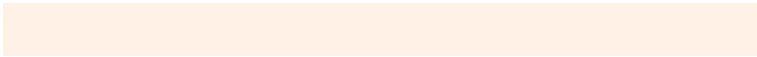
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3736, 0.3266, 0.3386



89.8430, 0.3292, 0.3403



79.8349, 0.3255, 0.3490



16.1706, 0.3282, 0.3396



15.7889, 0.5550, 0.3975



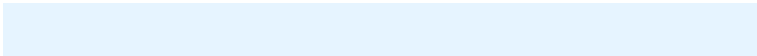
1.4295, 0.5316, 0.4161

Inverse Universe

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



73.3424, 0.2995, 0.3192



88.3741, 0.2972, 0.3174



68.1328, 0.2995, 0.3082



15.9220, 0.2981, 0.3181



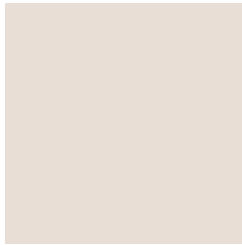
12.3670, 0.1819, 0.1750



1.1628, 0.1884, 0.1981

Previews

White Background



This preview shows how the Yxy color 74.3703, 0.3266, 0.3386 looks on a white background.

Color Contrast Check

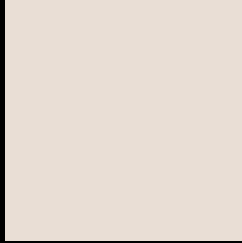
Large Text (above 18pt) WCAG AA × Fail

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 74.3703, 0.3266, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

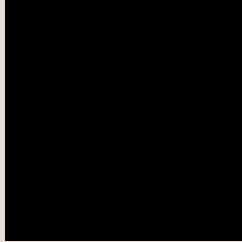
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

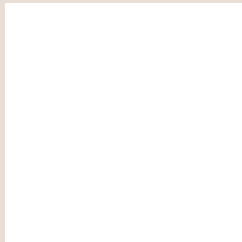
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3703, 0.3266, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 74.3703, 0.3266, 0.3386.

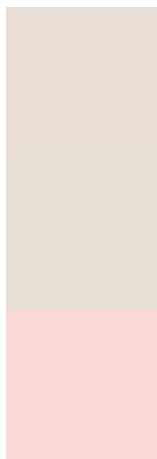


This preview shows how white text looks on a background with the Yxy color 74.3703, 0.3266, 0.3386.

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

74.3703, 0.3266, 0.3386

Protanopia

74.4024, 0.3243, 0.3397

Deuteranopia

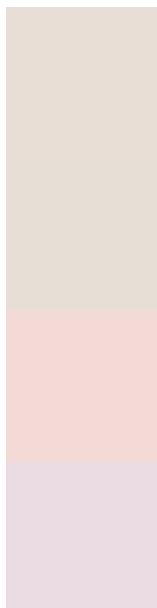
74.1065, 0.3385, 0.3311



Tritanopia

74.5520, 0.3135, 0.3114

Trichromacy



Original Color

74.3703, 0.3266, 0.3386

Protanomaly

74.5684, 0.3251, 0.3397

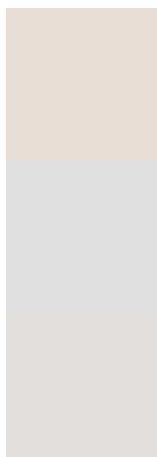
Deuteranomaly

74.0525, 0.3338, 0.3332

Tritanomaly

74.4500, 0.3181, 0.3207

Monochromacy



Original Color

74.3703, 0.3266, 0.3386

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2736, 0.3175, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3703, 0.3266, 0.3386 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(233, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 74.3703, 0.3266, 0.3386 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(233, 222, 213) }
```

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

```
.border{ border-color:rgb(233, 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(233, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(233, 222,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3703, 0.3266, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 222, 213) }
```

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

```
.background{ background-color: rgb(233,  
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](#).

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