

Converting Colors

$Yxy(74.9185, 0.3279, 0.3387)$

Have a look what the booklet for
Yxy(74.9185, 0.3279, 0.3387)
contains.

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Color

Yxy(74.7088, 0.3281, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	EBDED5
RGB	235, 222, 213
RGB Percent	92%, 87%, 84%
CMY	0.0784, 0.1294, 0.1648
CMYK	0.00, 0.06, 0.09, 0.08
HSL	25°, 36%, 88%
HSV	25°, 9%, 92%
XYZ	72.3921, 74.7088, 73.5394
YIQ	224.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

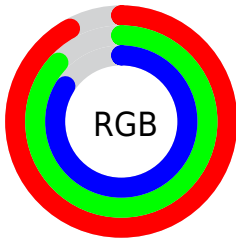
Format	Color
R _Y B	235, 228, 213
Decimal	15458005
CIE Lab	89.26, 2.93, 6.00
CIE LCh	89, 6.677, 63.993
Yxy	74.7088, 0.3281, 0.3386
Android (android.graphics.Color)	4293648085 (0xFFEBDED5)
YUV	224.8610, -5.8475, 8.8919
Hunter-Lab	86.4343, -1.7592, 10.0593

Details

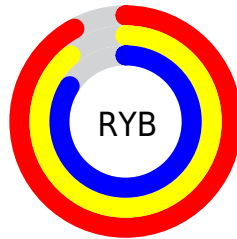
The Yxy color **74.7088, 0.3281, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5242, 0.2982, 0.3192**, and the grayscale version is **75.2288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6898, 0.3319, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **66.5358, 0.3471, 0.3495**, and if you desaturate by 10%, it is **83.6676, 0.3118, 0.3284**.

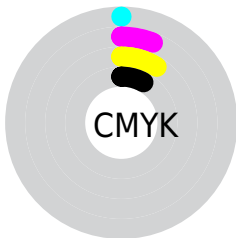
Distribution



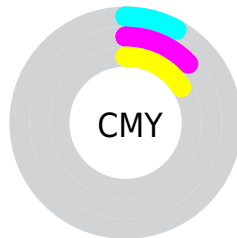
- Red (92%)
- Green (87%)
- Blue (84%)



- Red (92%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7088, 0.3281, 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 74.7088, 0.3281, 0.3386 by changing the saturation by 10% instead.


 74.7088, 0.3281,
0.3386

 74.7088, 0.3281,
0.3386


476.9161, 0.3210,
0.3342

 55.3744, 0.3297,
0.3396


125.9001, 0.3256,
0.3371

 39.7015, 0.3317,
0.3408


158.5257, 0.3247,
0.3365

 27.3059, 0.3343,
0.3423


196.3505, 0.3238,
0.3360

 17.8031, 0.3376,
0.3443

239.7589, 0.3231,
0.3355

 10.8087, 0.3421,
0.3470

289.1352, 0.3225,
0.3352

 5.9384, 0.3487,
0.3508

344.8640, 0.3219,

 2.8076, 0.3590,

0.3348

0.3567

407.3294, 0.3214,
0.3345

■ 1.0321, 0.3807,
0.3699

■ 0.0000, 0.0000,
0.0000

■ 74.7088, 0.3281,
0.3386

■ 74.7088, 0.3281,
0.3386

■ 66.5358, 0.3471,
0.3495

■ 83.6676, 0.3118,
0.3284

■ 59.1167, 0.3691,
0.3607

■ 93.0983, 0.3006,
0.3238

■ 52.4319, 0.3942,
0.3719

■ 96.4038, 0.3005,
0.3290

■ 46.4571, 0.4225,
0.3824

■ 41.1664, 0.4532,
0.3912

■ 36.5323, 0.4852,
0.3971

■ 32.5247, 0.5165,
0.3988

■ 29.1105, 0.5448,
0.3952

■ 26.2468, 0.5681,
0.3866

Harmonies

Analogous

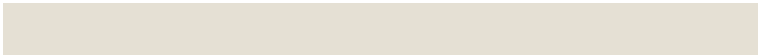
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7088, 0.3276, 0.3324



74.7088, 0.3281, 0.3386



74.7088, 0.3244, 0.3424

Triad

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



74.7088, 0.3281, 0.3386



74.7088, 0.3024, 0.3326



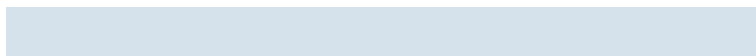
74.7088, 0.3077, 0.3159

Complementary

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



74.7088, 0.3281, 0.3386



74.5242, 0.2982, 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.



74.7088, 0.3011, 0.3158



74.7088, 0.3281, 0.3386



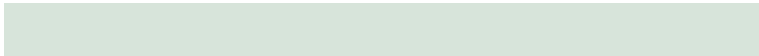
74.7088, 0.2981, 0.3254

Square

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



74.7088, 0.3281, 0.3386



74.7088, 0.3096, 0.3390



74.7088, 0.2976, 0.3192



74.7088, 0.3158, 0.3194

Rectangle

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



74.7088, 0.3281, 0.3386



74.7088, 0.3201, 0.3429



74.7088, 0.2976, 0.3192



74.7088, 0.3052, 0.3155

Sweetspot

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



74.7121, 0.3281, 0.3386



96.6698, 0.3174, 0.3320



70.7427, 0.3198, 0.3151



20.5040, 0.3187, 0.3328



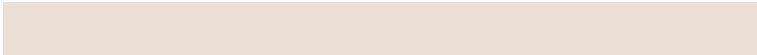
0.0000, 0.0000, 0.0000



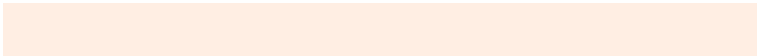
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7121, 0.3281, 0.3386



88.2111, 0.3311, 0.3404



80.6350, 0.3269, 0.3498



16.0677, 0.3283, 0.3387



14.7523, 0.5666, 0.3883



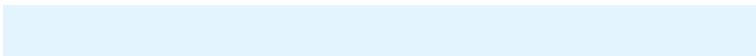
1.3435, 0.5417, 0.4081

Inverse Universe

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



74.5242, 0.2982, 0.3192



87.9474, 0.2956, 0.3174



68.8343, 0.2981, 0.3073



16.0269, 0.2981, 0.3191



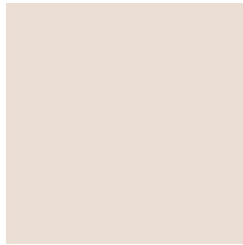
13.8251, 0.1859, 0.1891



1.2741, 0.1918, 0.2104

Previews

White Background



This preview shows how the Yxy color 74.7088, 0.3281, 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 74.7088, 0.3281, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

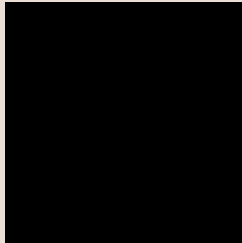
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

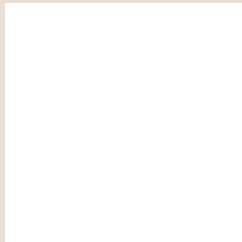
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7088, 0.3281, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 74.7088, 0.3281, 0.3386.

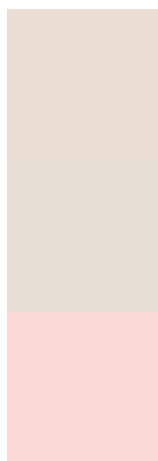


This preview shows how white text looks on a background with the Yxy color 74.7088, 0.3281, 0.3386.

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

74.7088, 0.3281, 0.3386

Protanopia

74.6193, 0.3244, 0.3386

Deuteranopia

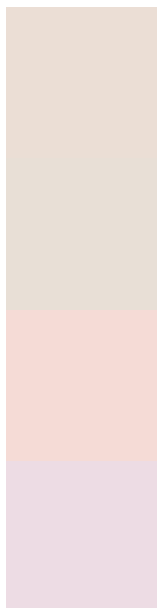
74.8047, 0.3391, 0.3322



Tritanopia

74.8963, 0.3150, 0.3115

Trichromacy



Original Color

74.7088, 0.3281, 0.3386

Protanomaly

74.7862, 0.3251, 0.3386

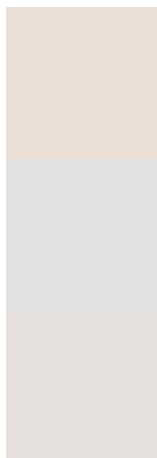
Deuteranomaly

74.9306, 0.3351, 0.3342

Tritanomaly

74.7924, 0.3195, 0.3207

Monochromacy



Original Color

74.7088, 0.3281, 0.3386

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 74.7088, 0.3281, 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(235, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 213) }
```

Border

The CSS property to change the border of an element to Yxy 74.7088, 0.3281, 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(235, 222, 213) }
```

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

```
.border{ border-color:rgb(235, 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(235, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7088, 0.3281, 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(235, 222, 213) }
```

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

```
.background{ background-color: rgb(235,  
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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