

Converting Colors

$Yxy(70.4786, 0.3309, 0.3366)$

Have a look what the booklet for
Yxy(70.4786, 0.3309, 0.3366)
contains.

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Color

Yxy(70.4786, 0.3309, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	E9D7D0
RGB	233, 215, 208
RGB Percent	91%, 84%, 82%
CMY	0.0863, 0.1568, 0.1843
CMYK	0.00, 0.08, 0.11, 0.09
HSL	17°, 36%, 86%
HSV	17°, 11%, 91%
XYZ	69.2851, 70.4786, 69.6201
YIQ	219.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

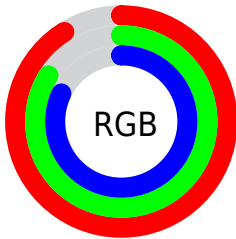
Format	Color
R _Y B	233, 218, 208
Decimal	15325136
CIE Lab	87.23, 5.03, 5.68
CIE LCh	87, 7.589, 48.493
Yxy	70.4786, 0.3309, 0.3366
Android (android.graphics.Color)	4293515216 (0xFFE9D7D0)
YUV	219.5840, -5.7109, 11.7658
Hunter-Lab	83.9515, 0.4007, 9.5975

Details

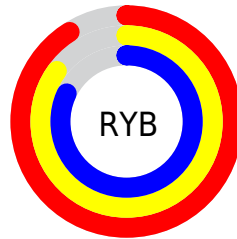
The Yxy color **70.4786, 0.3309, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6648, 0.2961, 0.3213**, and the grayscale version is **71.2993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8218, 0.3348, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **61.3169, 0.3512, 0.3442**, and if you desaturate by 10%, it is **80.6888, 0.3138, 0.3295**.

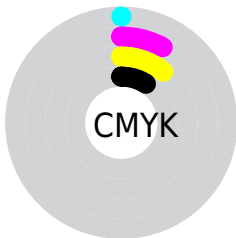
Distribution



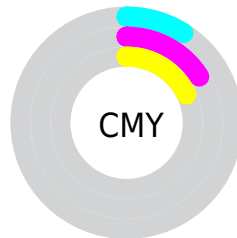
- Red (91%)
- Green (84%)
- Blue (82%)



- Red (91%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4786, 0.3309, 0.3366 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 70.4786, 0.3309, 0.3366 by changing the saturation by 10% instead.


 70.4786, 0.3309,
0.3366

 70.4786, 0.3309,
0.3366


462.2287, 0.3224,
0.3331

 51.9168, 0.3329,
0.3374


119.8910, 0.3279,
0.3354

 36.9388, 0.3353,
0.3383


151.5104, 0.3268,
0.3349

 25.1601, 0.3384,
0.3396


188.2512, 0.3258,
0.3345

 16.1964, 0.3425,
0.3411

230.4976, 0.3249,
0.3342

 9.6632, 0.3482,
0.3433

278.6342, 0.3242,
0.3339

 5.1762, 0.3565,
0.3463

333.0453, 0.3235,

 2.3510, 0.3699,

0.3336

0.3509

394.1154, 0.3229,
0.3333

0.8005, 0.4096,
0.3708

0.0000, 0.0000,
0.0000

70.4786, 0.3309,
0.3366

70.4786, 0.3309,
0.3366

61.3169, 0.3512,
0.3442

80.6888, 0.3138,
0.3295

53.1609, 0.3754,
0.3520

91.9702, 0.2995,
0.3229

45.9785, 0.4037,
0.3597

96.0612, 0.2993,
0.3290

39.7322, 0.4363,
0.3667

■ 34.3821, 0.4726,
0.3722

■ 29.8853, 0.5107,
0.3748

■ 26.1948, 0.5479,
0.3736

■ 23.2588, 0.5801,
0.3678

■ 21.1525, 0.6032,
0.3593

Harmonies

Analogous

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



70.4786, 0.3278, 0.3287



70.4786, 0.3309, 0.3366



70.4786, 0.3290, 0.3427

Triad

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



70.4786, 0.3309, 0.3366



70.4786, 0.3048, 0.3373



70.4786, 0.3026, 0.3133

Complementary

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



70.4786, 0.3309, 0.3366



73.6648, 0.2961, 0.3213

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.



70.4786, 0.2966, 0.3153



70.4786, 0.3309, 0.3366



70.4786, 0.2979, 0.3291

Square

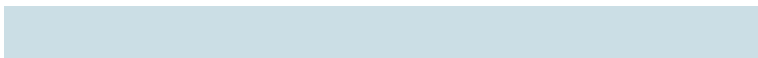
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4786, 0.3309, 0.3366



70.4786, 0.3139, 0.3432



70.4786, 0.2949, 0.3210



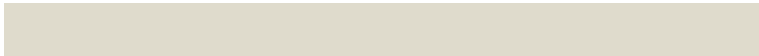
70.4786, 0.3114, 0.3153

Rectangle

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



70.4786, 0.3309, 0.3366



70.4786, 0.3253, 0.3448



70.4786, 0.2949, 0.3210



70.4786, 0.3002, 0.3135

Sweetspot

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



70.4817, 0.3309, 0.3366



96.0571, 0.3175, 0.3311



67.9374, 0.3186, 0.3095



20.3389, 0.3188, 0.3316



0.0000, 0.0000, 0.0000



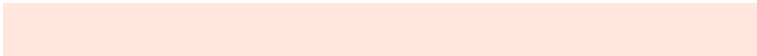
21.4041, 0.3127, 0.3290

Same Dimension

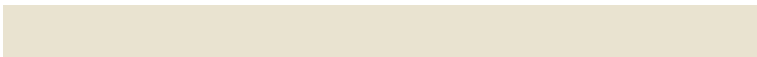
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4817, 0.3309, 0.3366



83.7679, 0.3353, 0.3383



76.8970, 0.3294, 0.3494



15.7428, 0.3286, 0.3357



12.1846, 0.6005, 0.3614



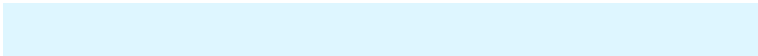
1.1147, 0.5733, 0.3830

Inverse Universe

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



73.6648, 0.2961, 0.3213



88.4484, 0.2925, 0.3195



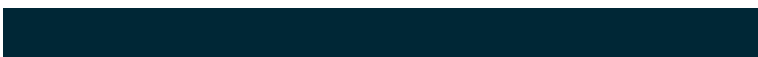
67.2949, 0.2960, 0.3077



16.3651, 0.2981, 0.3222



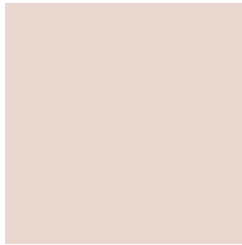
19.3560, 0.1987, 0.2351



1.6811, 0.2027, 0.2497

Previews

White Background



This preview shows how the Yxy color 70.4786, 0.3309, 0.3366 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 70.4786, 0.3309, 0.3366 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

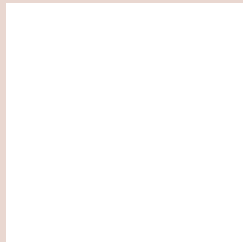
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4786, 0.3309, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 70.4786, 0.3309, 0.3366.

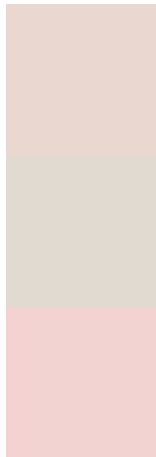


This preview shows how white text looks on a background with the Yxy color 70.4786, 0.3309, 0.3366.

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

70.4786, 0.3309, 0.3366

Protanopia

70.7538, 0.3239, 0.3389

Deuteranopia

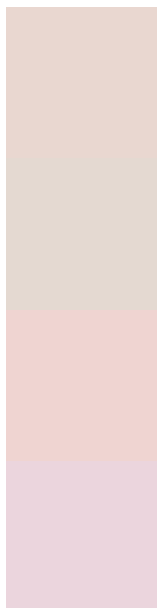
70.2467, 0.3383, 0.3312



Tritanopia

70.5770, 0.3187, 0.3112

Trichromacy



Original Color

70.4786, 0.3309, 0.3366

Protanomaly

70.7231, 0.3262, 0.3377

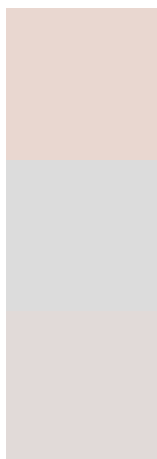
Deuteranomaly

70.0411, 0.3351, 0.3323

Tritanomaly

70.4711, 0.3234, 0.3206

Monochromacy



Original Color

70.4786, 0.3309, 0.3366

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1082, 0.3191, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4786, 0.3309, 0.3366 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, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 208)  
}
```

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, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 208) }
```

Border

The CSS property to change the border of an element to Yxy 70.4786, 0.3309, 0.3366 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, 215, 208) }
```

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

```
.border{ border-color:rgb(233, 215, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4786, 0.3309, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 208) }
```

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

```
.background{ background-color: rgb(233,  
215, 208) }
```

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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