

Converting Colors

$Yxy(70.2486, 0.3292, 0.3408)$

Have a look what the booklet for
Yxy(70.2486, 0.3292, 0.3408)
contains.

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Color

Yxy(70.1775, 0.3299, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	E5D8CD
RGB	229, 216, 205
RGB Percent	90%, 85%, 80%
CMY	0.1019, 0.1529, 0.1960
CMYK	0.00, 0.06, 0.10, 0.10
HSL	27°, 32%, 85%
HSV	27°, 10%, 90%
XYZ	67.8931, 70.1775, 67.7285
YIQ	218.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

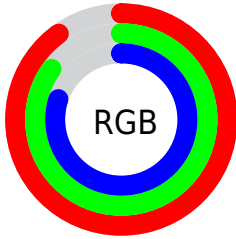
Format	Color
R _Y B	229, 225, 205
Decimal	15063245
CIE Lab	87.08, 2.63, 7.00
CIE LCh	87, 7.482, 69.419
Yxy	70.1775, 0.3299, 0.3410
Android (android.graphics.Color)	4293253325 (0xFFE5D8CD)
YUV	218.6330, -6.7211, 9.0919
Hunter-Lab	83.7720, -1.9355, 10.7053

Details

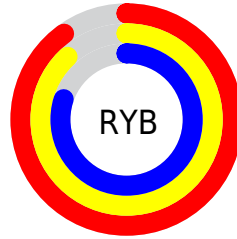
The Yxy color **70.1775, 0.3299, 0.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7950, 0.2965, 0.3167**, and the grayscale version is **70.6160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6083, 0.3335, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **63.0299, 0.3488, 0.3531**, and if you desaturate by 10%, it is **77.9740, 0.3135, 0.3295**.

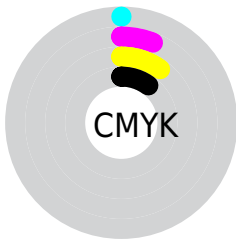
Distribution



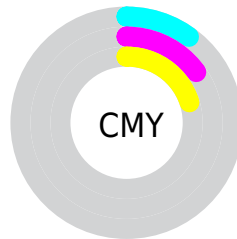
- Red (90%)
- Green (85%)
- Blue (80%)



- Red (90%)
- Yellow (88%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1775, 0.3299, 0.3410 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 70.1775, 0.3299, 0.3410 by changing the saturation by 10% instead.

 70.1775, 0.3299,
0.3410

 70.1775, 0.3299,
0.3410

461.1730, 0.3219,
0.3355

 51.6713, 0.3318,
0.3423


119.4618, 0.3271,
0.3391

 36.7431, 0.3341,
0.3438


151.0087, 0.3260,
0.3383

 25.0086, 0.3370,
0.3458


187.6713, 0.3251,
0.3377

 16.0835, 0.3409,
0.3484

229.8339, 0.3243,
0.3371

 9.5833, 0.3462,
0.3520

277.8810, 0.3236,
0.3366

 5.1235, 0.3540,
0.3571

332.1970, 0.3229,

 2.3199, 0.3666,

0.3362

0.3651

393.1662, 0.3224,
0.3358

0.7842, 0.4135,
0.4005

0.0000, 0.0000,
0.0000

70.1775, 0.3299,
0.3410

70.1775, 0.3299,
0.3410

63.0299, 0.3488,
0.3531

77.9740, 0.3135,
0.3295

56.5044, 0.3705,
0.3656

86.4271, 0.2992,
0.3189

50.5857, 0.3950,
0.3780

94.2912, 0.2970,
0.3272

45.2543, 0.4220,
0.3896

95.4011, 0.2970,
0.3290

■ 40.4894, 0.4509,
0.3993

■ 36.2689, 0.4806,
0.4059

■ 32.5685, 0.5093,
0.4081

■ 29.3610, 0.5348,
0.4049

■ 26.7319, 0.5552,
0.3973

Harmonies

Analogous

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



70.1775, 0.3302, 0.3342



70.1775, 0.3299, 0.3410



70.1775, 0.3249, 0.3447

Triad

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



70.1775, 0.3299, 0.3410



70.1775, 0.2998, 0.3316



70.1775, 0.3086, 0.3145

Complementary

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



70.1775, 0.3299, 0.3410



68.7950, 0.2965, 0.3167

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.



70.1775, 0.3006, 0.3136



70.1775, 0.3299, 0.3410



70.1775, 0.2955, 0.3234

Square

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



70.1775, 0.3299, 0.3410



70.1775, 0.3075, 0.3393



70.1775, 0.2958, 0.3168



70.1775, 0.3178, 0.3191

Rectangle

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



70.1775, 0.3299, 0.3410



70.1775, 0.3196, 0.3448



70.1775, 0.2958, 0.3168



70.1775, 0.3057, 0.3137

Sweetspot

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



70.1806, 0.3299, 0.3410



96.8990, 0.3174, 0.3324



65.4004, 0.3216, 0.3147



20.5657, 0.3187, 0.3333



0.0000, 0.0000, 0.0000



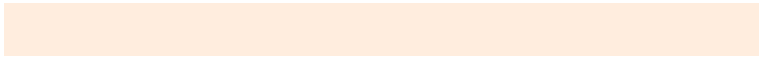
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1806, 0.3299, 0.3410



87.1090, 0.3346, 0.3441



76.4560, 0.3285, 0.3535



15.4496, 0.3281, 0.3398



15.5158, 0.5527, 0.3994



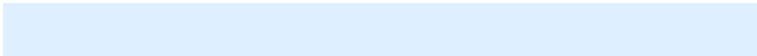
1.3305, 0.5283, 0.4187

Inverse Universe

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



68.7950, 0.2965, 0.3167



84.9428, 0.2924, 0.3134



62.8811, 0.2963, 0.3032



15.1755, 0.2981, 0.3180



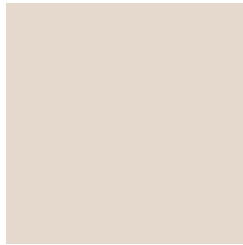
11.7443, 0.1813, 0.1725



1.0532, 0.1881, 0.1972

Previews

White Background



This preview shows how the Yxy color 70.1775, 0.3299, 0.3410 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 70.1775, 0.3299, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

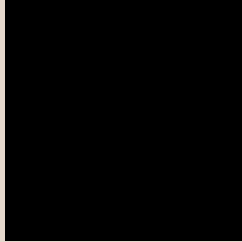
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

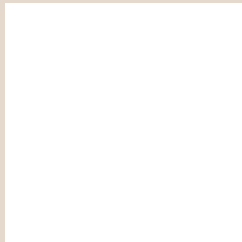
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1775, 0.3299, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 70.1775, 0.3299, 0.3410.

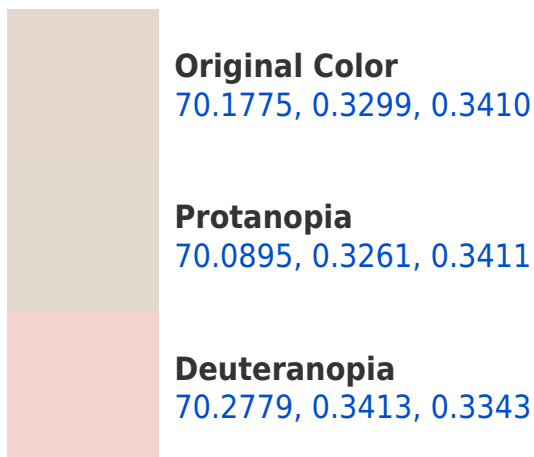


This preview shows how white text looks on a background with the Yxy color 70.1775, 0.3299, 0.3410.

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





Tritanopia

69.8999, 0.3158, 0.3110

Trichromacy



Original Color

70.1775, 0.3299, 0.3410

Protanomaly

70.2507, 0.3268, 0.3411

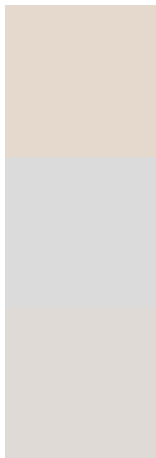
Deuteranomaly

70.3955, 0.3372, 0.3365

Tritanomaly

69.7447, 0.3212, 0.3215

Monochromacy



Original Color

70.1775, 0.3299, 0.3410

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.6858, 0.3190, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1775, 0.3299, 0.3410 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(229, 216, 205)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 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(229, 216, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 205) }
```

Border

The CSS property to change the border of an element to Yxy 70.1775, 0.3299, 0.3410 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(229, 216, 205) }
```

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

```
.border{ border-color:rgb(229, 216, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 205);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1775, 0.3299, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 205) }
```

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

```
.background{ background-color: rgb(229,  
216, 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](#).

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