

Converting Colors

$Yxy(70.4657, 0.3228, 0.3292)$

Have a look what the booklet for
Yxy(70.4657, 0.3228, 0.3292)
contains.

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Color

Yxy(70.6760, 0.3229, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E5D8D7
RGB	229, 216, 215
RGB Percent	90%, 85%, 84%
CMY	0.1020, 0.1529, 0.1568
CMYK	0.00, 0.06, 0.06, 0.10
HSL	4°, 21%, 87%
HSV	4°, 6%, 90%
XYZ	69.1344, 70.6760, 74.2944
YIQ	219.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

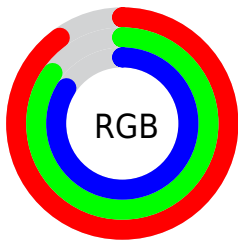
Format	Color
R _Y B	229, 216, 215
Decimal	15063255
CIE Lab	87.33, 4.29, 2.08
CIE LCh	87, 4.764, 25.840
Yxy	70.6760, 0.3229, 0.3301
Android (android.graphics.Color)	4293253335 (0xFFE5D8D7)
YUV	219.7730, -2.3531, 8.0921
Hunter-Lab	84.0690, -0.3307, 6.4519

Details

The Yxy color **70.6760, 0.3229, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5930, 0.3033, 0.3279**, and the grayscale version is **71.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0265, 0.3262, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **59.3801, 0.3427, 0.3320**, and if you desaturate by 10%, it is **83.5536, 0.3069, 0.3283**.

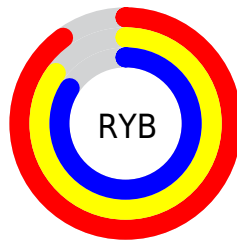
Distribution



Red (90%)

Green (85%)

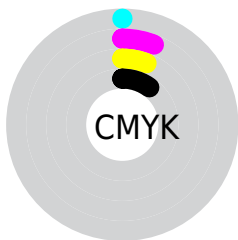
Blue (84%)



Red (90%)

Yellow (85%)

Blue (84%)

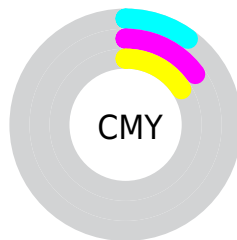


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6760, 0.3229, 0.3301 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 70.6760, 0.3229, 0.3301 by changing the saturation by 10% instead.

70.6760, 0.3229,
0.3301

70.6760, 0.3229,
0.3301

462.9200, 0.3182,
0.3296

52.0778, 0.3240,
0.3302

120.1723, 0.3212,
0.3299

37.0671, 0.3254,
0.3303

151.8392, 0.3206,
0.3299

25.2595, 0.3271,
0.3305

188.6311, 0.3201,
0.3298

16.2705, 0.3294,
0.3307

230.9324, 0.3196,
0.3298

9.7157, 0.3325,
0.3310

279.1276, 0.3192,
0.3297

5.2109, 0.3371,
0.3313

333.6010, 0.3188,

2.3715, 0.3445,

0.3297

0.3319

394.7370, 0.3184,
0.3296

0.8112, 0.3612,
0.3345

0.0000, 0.0000,
0.0000

70.6760, 0.3229,
0.3301

70.6760, 0.3229,
0.3301

59.3801, 0.3427,
0.3320

83.5536, 0.3069,
0.3283

49.5960, 0.3673,
0.3341

95.3974, 0.2970,
0.3290

41.2625, 0.3974,
0.3361

34.3104, 0.4337,
0.3380

■ 28.6651, 0.4758,
0.3395

■ 24.2448, 0.5217,
0.3401

■ 20.9585, 0.5670,
0.3394

■ 18.7026, 0.6050,
0.3374

■ 17.3541, 0.6296,
0.3341

Harmonies

Analogous

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



70.6760, 0.3190, 0.3251



70.6760, 0.3229, 0.3301



70.6760, 0.3241, 0.3349

Triad

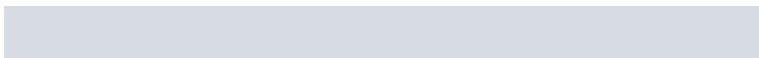
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6760, 0.3229, 0.3301



70.6760, 0.3120, 0.3372



70.6760, 0.3033, 0.3198

Complementary

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



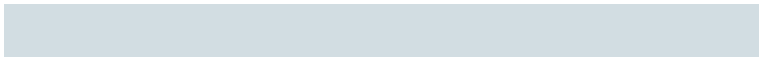
70.6760, 0.3229, 0.3301



75.5930, 0.3033, 0.3279

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.



70.6760, 0.3015, 0.3230



70.6760, 0.3229, 0.3301



70.6760, 0.3065, 0.3330

Square

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



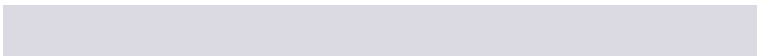
70.6760, 0.3229, 0.3301



70.6760, 0.3178, 0.3391



70.6760, 0.3027, 0.3278



70.6760, 0.3076, 0.3192

Rectangle

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



70.6760, 0.3229, 0.3301



70.6760, 0.3232, 0.3374



70.6760, 0.3027, 0.3278



70.6760, 0.3024, 0.3206

Sweetspot

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



70.6791, 0.3229, 0.3301



96.6906, 0.3159, 0.3294



70.8688, 0.3140, 0.3151



20.7304, 0.3158, 0.3293



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.



70.6791, 0.3229, 0.3301



88.7772, 0.3246, 0.3303



74.3053, 0.3223, 0.3375



15.0137, 0.3255, 0.3304



9.8045, 0.6347, 0.3343



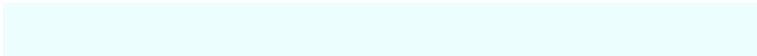
0.7826, 0.6204, 0.3456

Inverse Universe

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



75.5930, 0.3033, 0.3279



95.9626, 0.3018, 0.3277



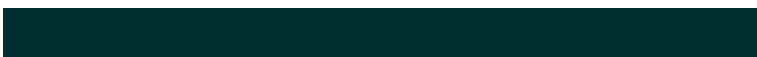
71.8562, 0.3034, 0.3203



16.3264, 0.3010, 0.3276



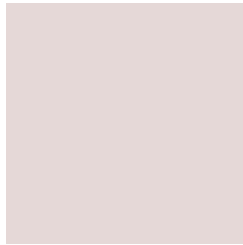
30.4337, 0.2185, 0.3067



2.3018, 0.2195, 0.3102

Previews

White Background



This preview shows how the Yxy color 70.6760, 0.3229, 0.3301 looks on a white background.

Color Contrast Check

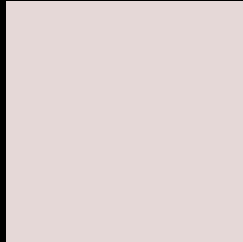
Large Text (above 18pt) WCAG AA × Fail

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 70.6760, 0.3229, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

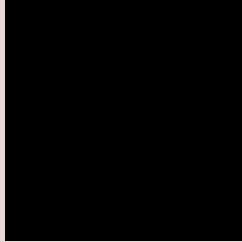
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

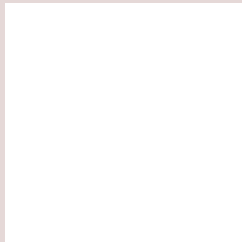
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6760, 0.3229, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 70.6760, 0.3229, 0.3301.



This preview shows how white text looks on a background with the Yxy color 70.6760, 0.3229, 0.3301.

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

70.6760, 0.3229, 0.3301

Protanopia

70.7887, 0.3177, 0.3312

Deuteranopia

70.7456, 0.3316, 0.3249



Tritanopia

70.7952, 0.3142, 0.3121

Trichromacy



Original Color

70.6760, 0.3229, 0.3301

Protanomaly

70.5911, 0.3192, 0.3301

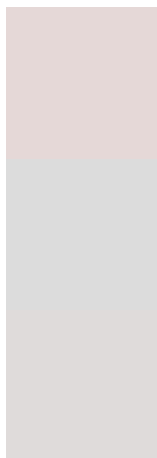
Deuteranomaly

70.5509, 0.3285, 0.3259

Tritanomaly

70.8601, 0.3169, 0.3184

Monochromacy



Original Color

70.6760, 0.3229, 0.3301

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4130, 0.3163, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6760, 0.3229, 0.3301 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 215) }
```

Border

The CSS property to change the border of an element to Yxy 70.6760, 0.3229, 0.3301 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, 215) }
```

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

```
.border{ border-color:rgb(229, 216, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6760, 0.3229, 0.3301 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, 215) }
```

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

```
.background{ background-color: rgb(229,  
216, 215) }
```

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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