

Converting Colors

Yxy(70.7594, 0.3187, 0.3247)

Have a look what the booklet for
Yxy(70.7594, 0.3187, 0.3247)
contains.

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Color

Yxy(70.7730, 0.3187, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E4D8DC
RGB	228, 216, 220
RGB Percent	89%, 85%, 86%
CMY	0.1060, 0.1529, 0.1372
CMYK	0.00, 0.05, 0.03, 0.11
HSL	340°, 18%, 87%
HSV	340°, 5%, 89%
XYZ	69.4652, 70.7730, 77.7261
YIQ	220.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

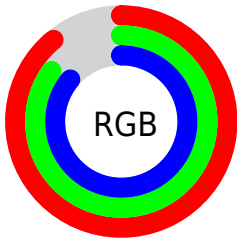
Format	Color
R _Y B	228, 216, 220
Decimal	14997724
CIE Lab	87.37, 4.80, -0.51
CIE LCh	87, 4.828, 353.909
Yxy	70.7730, 0.3187, 0.3247
Android (android.graphics.Color)	4293187804 (0xFFE4D8DC)
YUV	220.0440, -0.0217, 6.9774
Hunter-Lab	84.1267, 0.1696, 4.1097

Details

The Yxy color **70.7730, 0.3187, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4531, 0.3071, 0.3333**, and the grayscale version is **71.6001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0906, 0.3206, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **59.1263, 0.3320, 0.3161**, and if you desaturate by 10%, it is **84.1192, 0.3078, 0.3327**.

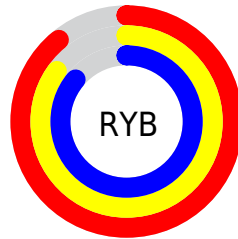
Distribution



Red (89%)

Green (85%)

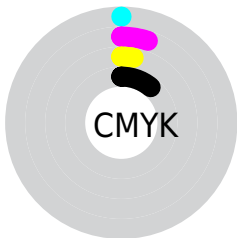
Blue (86%)



Red (89%)

Yellow (85%)

Blue (86%)

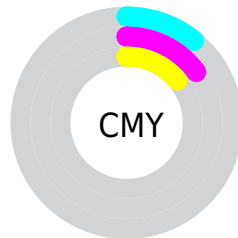


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7730, 0.3187, 0.3247 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 70.7730, 0.3187, 0.3247 by changing the saturation by 10% instead.

70.7730, 0.3187,
0.3247

70.7730, 0.3187,
0.3247

463.2595, 0.3159,
0.3267

52.1570, 0.3193,
0.3242

120.3104, 0.3177,
0.3254

37.1302, 0.3201,
0.3237

152.0007, 0.3174,
0.3257

25.3083, 0.3211,
0.3229

188.8177, 0.3170,
0.3259

16.3069, 0.3225,
0.3220

231.1460, 0.3168,
0.3261

9.7416, 0.3243,
0.3207

279.3699, 0.3165,
0.3263

5.2280, 0.3269,
0.3188

333.8739, 0.3163,

2.3816, 0.3312,

0.3264

395.0423, 0.3161,
0.3266

0.3158

0.8164, 0.3393,
0.3098

0.0000, 0.0000,
0.0000

70.7730, 0.3187,
0.3247

70.7730, 0.3187,
0.3247

59.1263, 0.3320,
0.3161

84.1192, 0.3078,
0.3327

49.1016, 0.3484,
0.3071

94.9321, 0.2989,
0.3336

40.6290, 0.3682,
0.2979

95.2298, 0.2964,
0.3290

33.6302, 0.3920,
0.2891

■ 28.0196, 0.4200,
0.2815

■ 23.7031, 0.4518,
0.2762

■ 20.5746, 0.4861,
0.2743

■ 18.5107, 0.5208,
0.2771

■ 17.3606, 0.5528,
0.2848

Harmonies

Analogous

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



70.7730, 0.3130, 0.3208



70.7730, 0.3187, 0.3247



70.7730, 0.3228, 0.3298

Triad

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



70.7730, 0.3187, 0.3247



70.7730, 0.3182, 0.3392



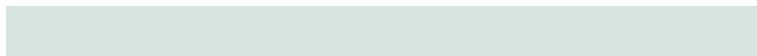
70.7730, 0.3013, 0.3232

Complementary

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



70.7730, 0.3187, 0.3247



75.4531, 0.3071, 0.3333

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.



70.7730, 0.3027, 0.3281



70.7730, 0.3187, 0.3247



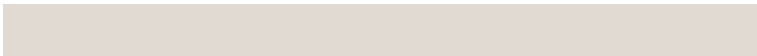
70.7730, 0.3124, 0.3375

Square

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



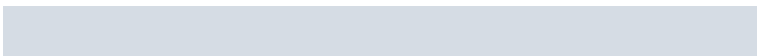
70.7730, 0.3187, 0.3247



70.7730, 0.3225, 0.3382



70.7730, 0.3067, 0.3334



70.7730, 0.3030, 0.3199

Rectangle

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



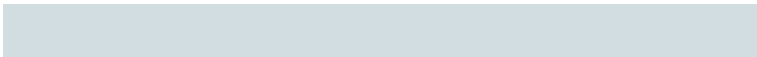
70.7730, 0.3187, 0.3247



70.7730, 0.3241, 0.3332



70.7730, 0.3067, 0.3334



70.7730, 0.3014, 0.3247

Sweetspot

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



70.7761, 0.3187, 0.3247



96.5727, 0.3149, 0.3274



70.5310, 0.3103, 0.3161



20.7064, 0.3148, 0.3275



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.



70.7761, 0.3187, 0.3247



89.9861, 0.3197, 0.3240



71.4905, 0.3213, 0.3310



15.1975, 0.3204, 0.3236



9.8493, 0.5626, 0.2873



0.7446, 0.5216, 0.2647

Inverse Universe

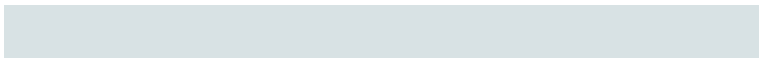
The Inverse Universe completely reimagines the original color for something new.



70.7761, 0.3187, 0.3247



89.9861, 0.3197, 0.3240



74.6913, 0.3046, 0.3270



15.1975, 0.3204, 0.3236



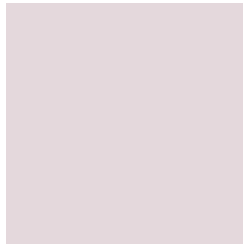
9.8493, 0.5626, 0.2873



0.7446, 0.5216, 0.2647

Previews

White Background



This preview shows how the Yxy color 70.7730, 0.3187, 0.3247 looks on a white background.

Color Contrast Check

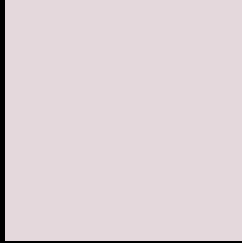
Large Text (above 18pt) WCAG AA × Fail

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 70.7730, 0.3187, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

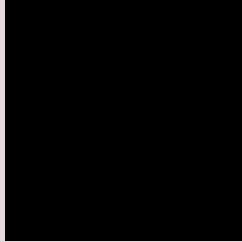
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

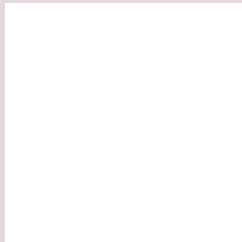
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7730, 0.3187, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 70.7730, 0.3187, 0.3247.

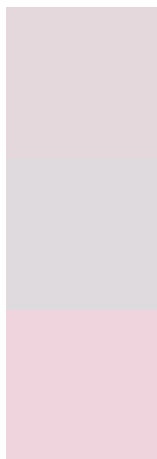


This preview shows how white text looks on a background with the Yxy color 70.7730, 0.3187, 0.3247.

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

70.7730, 0.3187, 0.3247

Protanopia

70.8929, 0.3136, 0.3257

Deuteranopia

70.6581, 0.3265, 0.3196



Tritanopia

70.6857, 0.3128, 0.3110

Trichromacy



Original Color

70.7730, 0.3187, 0.3247

Protanomaly

70.6935, 0.3151, 0.3247

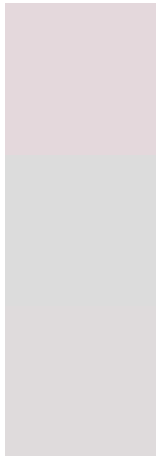
Deuteranomaly

70.4711, 0.3234, 0.3206

Tritanomaly

70.8049, 0.3148, 0.3162

Monochromacy



Original Color

70.7730, 0.3187, 0.3247

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5183, 0.3149, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7730, 0.3187, 0.3247 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(228, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(228, 216, 220)  
}
```

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(228, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 216, 220) }
```

Border

The CSS property to change the border of an element to Yxy 70.7730, 0.3187, 0.3247 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(228, 216, 220) }
```

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

```
.border{ border-color:rgb(228, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 216,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7730, 0.3187, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 216, 220) }
```

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

```
.background{ background-color: rgb(228,  
216, 220) }
```

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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