

Converting Colors

$Yxy(72.8349, 0.3212, 0.3176)$

Have a look what the booklet for
Yxy(72.8349, 0.3212, 0.3176)
contains.

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Color

Yxy(72.8349, 0.3212, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	EED8E3
RGB	238, 216, 227
RGB Percent	93%, 85%, 89%
CMY	0.0669, 0.1528, 0.1099
CMYK	0.00, 0.09, 0.05, 0.07
HSL	330°, 39%, 89%
HSV	330°, 9%, 93%
XYZ	73.6605, 72.8349, 82.8336
YIQ	223.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

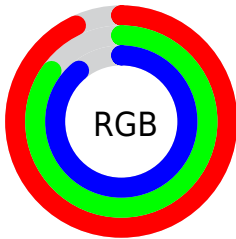
Format	Color
RYB	238, 216, 227
Decimal	15653091
CIELab	88.37, 9.40, -2.63
CIELCh	88, 9.766, 344.374
Yxy	72.8349, 0.3212, 0.3176
Android (android.graphics.Color)	4293843171 (0xFFEED8E3)
YUV	223.8320, 1.5618, 12.4253
Hunter-Lab	85.3434, 4.7138, 2.1939

Details

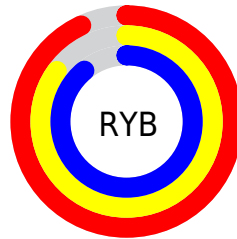
The Yxy color **72.8349, 0.3212, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.2566, 0.3050, 0.3407**, and the grayscale version is **74.3944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4134, 0.3229, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **60.8799, 0.3323, 0.3046**, and if you desaturate by 10%, it is **86.6069, 0.3120, 0.3300**.

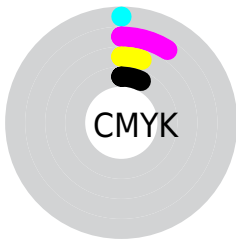
Distribution



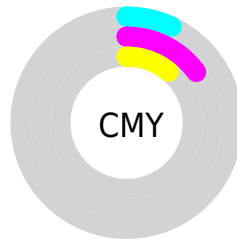
- Red (93%)
- Green (85%)
- Blue (89%)



- Red (93%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8349, 0.3212, 0.3176 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 72.8349, 0.3212, 0.3176 by changing the saturation by 10% instead.

 72.8349, 0.3212,
0.3176

 72.8349, 0.3212,
0.3176


470.4424, 0.3173,
0.3228

 53.8410, 0.3221,
0.3164


123.2428, 0.3199,
0.3194

 38.4745, 0.3232,
0.3150


155.4256, 0.3193,
0.3201

 26.3512, 0.3246,
0.3131


192.7734, 0.3189,
0.3207

 17.0866, 0.3264,
0.3107

235.6707, 0.3185,
0.3213

 10.2962, 0.3288,
0.3074

284.5018, 0.3181,
0.3217

 5.5958, 0.3324,
0.3028

339.6513, 0.3178,

 2.6009, 0.3379,

0.3221

0.2955

401.5033, 0.3175,
0.3225

0.9271, 0.3477,
0.2828

0.0000, 1.0000,
0.0000

72.8349, 0.3212,
0.3176

72.8349, 0.3212,
0.3176

60.8799, 0.3323,
0.3046

86.6069, 0.3120,
0.3300

50.6559, 0.3455,
0.2911

96.6357, 0.3046,
0.3331

42.0842, 0.3613,
0.2777

96.9049, 0.3023,
0.3290

35.0763, 0.3797,
0.2652

■ 29.5351, 0.4008,
0.2544

■ 25.3528, 0.4241,
0.2466

■ 22.4064, 0.4487,
0.2431

■ 20.5505, 0.4736,
0.2449

■ 19.5598, 0.4974,
0.2518

Harmonies

Analogous

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



72.8349, 0.3093, 0.3110



72.8349, 0.3212, 0.3176



72.8349, 0.3309, 0.3271

Triad

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



72.8349, 0.3212, 0.3176



72.8349, 0.3269, 0.3495



72.8349, 0.2903, 0.3201

Complementary

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



72.8349, 0.3212, 0.3176



81.2566, 0.3050, 0.3407

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.



72.8349, 0.2948, 0.3306



72.8349, 0.3212, 0.3176



72.8349, 0.3158, 0.3478

Square

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



72.8349, 0.3212, 0.3176



72.8349, 0.3342, 0.3455



72.8349, 0.3041, 0.3408



72.8349, 0.2916, 0.3123

Rectangle

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



72.8349, 0.3212, 0.3176



72.8349, 0.3348, 0.3340



72.8349, 0.3041, 0.3408



72.8349, 0.2911, 0.3234

Sweetspot

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



72.8381, 0.3212, 0.3176



94.9719, 0.3153, 0.3253



71.6249, 0.3060, 0.3059



20.0474, 0.3161, 0.3244



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.



72.8381, 0.3212, 0.3176



82.5201, 0.3231, 0.3153



72.2527, 0.3288, 0.3290



15.8907, 0.3215, 0.3173



10.9101, 0.4958, 0.2505



0.9277, 0.4666, 0.2344

Inverse Universe

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



72.8381, 0.3212, 0.3176



82.5201, 0.3231, 0.3153



81.8805, 0.2985, 0.3290



15.8907, 0.3215, 0.3173



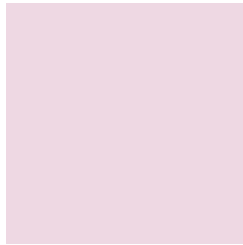
10.9101, 0.4958, 0.2505



0.9277, 0.4666, 0.2344

Previews

White Background



This preview shows how the Yxy color 72.8349, 0.3212, 0.3176 looks on a white background.

Color Contrast Check

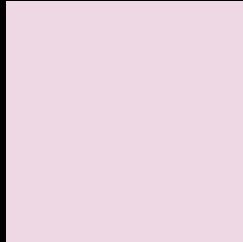
Large Text (above 18pt) WCAG AA × Fail

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 72.8349, 0.3212, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

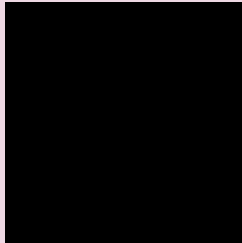
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8349, 0.3212, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 72.8349, 0.3212, 0.3176.

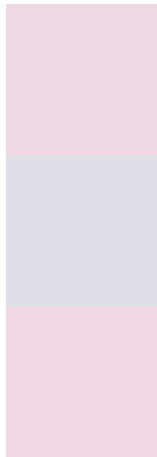


This preview shows how white text looks on a background with the Yxy color 72.8349, 0.3212, 0.3176.

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

72.8349, 0.3212, 0.3176

Protanopia

73.1140, 0.3082, 0.3194

Deuteranopia

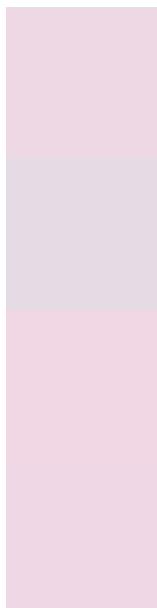
72.8477, 0.3235, 0.3166



Tritanopia

72.7778, 0.3186, 0.3114

Trichromacy



Original Color

72.8349, 0.3212, 0.3176

Protanomaly

72.8142, 0.3125, 0.3184

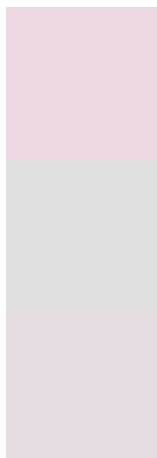
Deuteranomaly

72.6722, 0.3228, 0.3166

Tritanomaly

72.6648, 0.3200, 0.3134

Monochromacy



Original Color

72.8349, 0.3212, 0.3176

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.8072, 0.3158, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8349, 0.3212, 0.3176 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(238, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(238, 216, 227)  
}
```

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(238, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 216, 227) }
```

Border

The CSS property to change the border of an element to Yxy 72.8349, 0.3212, 0.3176 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(238, 216, 227) }
```

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

```
.border{ border-color:rgb(238, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(238, 216,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8349, 0.3212, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 216, 227) }
```

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

```
.background{ background-color: rgb(238,  
216, 227) }
```

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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