

Converting Colors

Yxy(69.9687, 0.3291, 0.3215)

Have a look what the booklet for
Yxy(69.9687, 0.3291, 0.3215)
contains.

Yxy(70.0012, 0.3288, 0.3217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.0012, 0.3288, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	EFD3DA
RGB	239, 211, 218
RGB Percent	94%, 83%, 85%
CMY	0.0627, 0.1725, 0.1452
CMYK	0.00, 0.12, 0.09, 0.06
HSL	345°, 47%, 88%
HSV	345°, 12%, 94%
XYZ	71.5461, 70.0012, 76.0504
YIQ	220.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

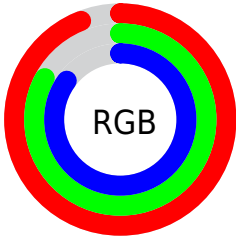
Format	Color
R _Y B	239, 211, 218
Decimal	15717338
CIE Lab	87.00, 10.88, 0.13
CIE LCh	87, 10.880, 0.692
Yxy	70.0012, 0.3288, 0.3217
Android (android.graphics.Color)	4293907418 (0xFFEFD3DA)
YUV	220.1700, -1.0698, 16.5139
Hunter-Lab	83.6667, 6.2244, 4.6740

Details

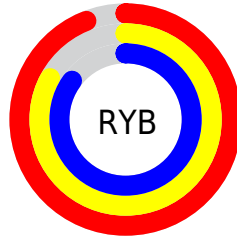
The Yxy color $70.0012, 0.3288, 0.3217$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.4200, 0.2988, 0.3364$, and the grayscale version is $71.6969, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.4886, 0.3330, 0.3195$ is the 20% darker color. If you saturate the color by 10%, you get $58.1084, 0.3460, 0.3151$, and if you desaturate by 10%, it is $83.7677, 0.3148, 0.3280$.

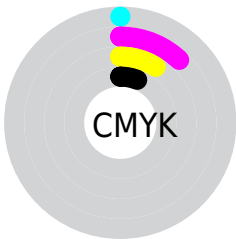
Distribution



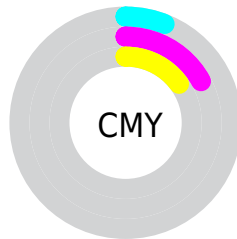
- Red (94%)
- Green (83%)
- Blue (85%)



- Red (94%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0012, 0.3288, 0.3217 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 70.0012, 0.3288, 0.3217 by changing the saturation by 10% instead.


 70.0012, 0.3288,
0.3217

 70.0012, 0.3288,
0.3217


460.5542, 0.3213,
0.3251

 51.5275, 0.3305,
0.3209


119.2105, 0.3262,
0.3229

 36.6286, 0.3327,
0.3199


150.7148, 0.3252,
0.3234

 24.9201, 0.3354,
0.3187


187.3316, 0.3243,
0.3238

 16.0175, 0.3390,
0.3170

229.4450, 0.3235,
0.3241

 9.5365, 0.3440,
0.3148

277.4396, 0.3229,
0.3244

 5.0928, 0.3513,
0.3114

331.6998, 0.3223,

 2.3018, 0.3629,

0.3247

0.3061

392.6098, 0.3218,
0.3249

0.7747, 0.3862,
0.2955

0.0000, 0.0000,
0.0000

70.0012, 0.3288,
0.3217

70.0012, 0.3288,
0.3217

58.1084, 0.3460,
0.3151

83.7677, 0.3148,
0.3280

47.9991, 0.3672,
0.3082

97.0216, 0.3036,
0.3301

39.5896, 0.3930,
0.3016

97.0933, 0.3029,
0.3290

32.7858, 0.4237,
0.2957

■ 27.4843, 0.4592,
0.2915

■ 23.5698, 0.4979,
0.2900

■ 20.9096, 0.5372,
0.2923

■ 19.3452, 0.5728,
0.2987

■ 18.6739, 0.5971,
0.3063

Harmonies

Analogous

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



70.0012, 0.3162, 0.3123



70.0012, 0.3288, 0.3217



70.0012, 0.3371, 0.3331

Triad

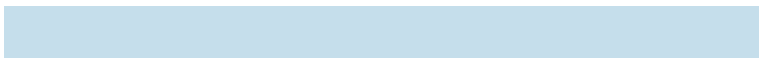
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0012, 0.3288, 0.3217



70.0012, 0.3222, 0.3520



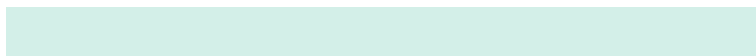
70.0012, 0.2874, 0.3135

Complementary

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



70.0012, 0.3288, 0.3217



81.4200, 0.2988, 0.3364

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.



70.0012, 0.2889, 0.3241



70.0012, 0.3288, 0.3217



70.0012, 0.3088, 0.3467

Square

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



70.0012, 0.3288, 0.3217



70.0012, 0.3332, 0.3508



70.0012, 0.2967, 0.3363



70.0012, 0.2925, 0.3074

Rectangle

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



70.0012, 0.3288, 0.3217



70.0012, 0.3390, 0.3405



70.0012, 0.2967, 0.3363



70.0012, 0.2872, 0.3167

Sweetspot

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



70.0043, 0.3288, 0.3217



93.1801, 0.3178, 0.3266



69.9812, 0.3090, 0.2997



19.6785, 0.3188, 0.3261



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.



70.0043, 0.3288, 0.3217



77.6912, 0.3325, 0.3202



73.2029, 0.3329, 0.3364



15.8233, 0.3254, 0.3231



10.3357, 0.5933, 0.3042



0.8752, 0.5564, 0.2839

Inverse Universe

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



70.0043, 0.3288, 0.3217



77.6912, 0.3325, 0.3202



77.8024, 0.2946, 0.3214



15.8233, 0.3254, 0.3231



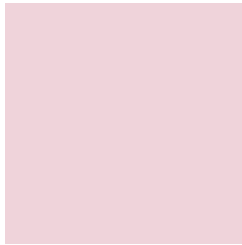
10.3357, 0.5933, 0.3042



0.8752, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 70.0012, 0.3288, 0.3217 looks on a white background.

Color Contrast Check

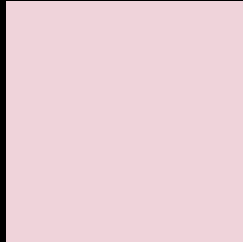
Large Text (above 18pt) WCAG AA × Fail

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 70.0012, 0.3288, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

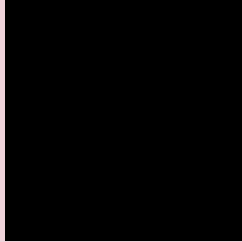
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.0012, 0.3288, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 70.0012, 0.3288, 0.3217.

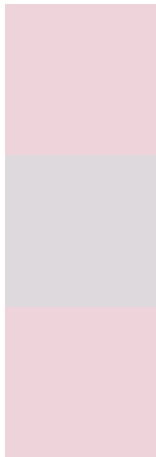


This preview shows how white text looks on a background with the Yxy color 70.0012, 0.3288, 0.3217.

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

70.0012, 0.3288, 0.3217

Protanopia

70.2183, 0.3129, 0.3246

Deuteranopia

70.0012, 0.3288, 0.3217



Tritanopia

70.1094, 0.3239, 0.3123

Trichromacy



Original Color

70.0012, 0.3288, 0.3217

Protanomaly

70.2622, 0.3188, 0.3236

Deuteranomaly

70.0012, 0.3288, 0.3217

Tritanomaly

69.9462, 0.3260, 0.3154

Monochromacy



Original Color

70.0012, 0.3288, 0.3217

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0711, 0.3186, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0012, 0.3288, 0.3217 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(239, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 211, 218)  
}
```

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(239, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 211, 218) }
```

Border

The CSS property to change the border of an element to Yxy 70.0012, 0.3288, 0.3217 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(239, 211, 218) }
```

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

```
.border{ border-color:rgb(239, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 211,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0012, 0.3288, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 211, 218) }
```

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

```
.background{ background-color: rgb(239,  
211, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor