

Converting Colors

$Y_{xy}(71.3106, 0.3220, 0.3276)$

Have a look what the booklet for
Yxy(71.3106, 0.3220, 0.3276)
contains.

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Color

Yxy(70.9967, 0.3216, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E6D8DA
RGB	230, 216, 218
RGB Percent	90%, 85%, 85%
CMY	0.0980, 0.1529, 0.1452
CMYK	0.00, 0.06, 0.05, 0.10
HSL	352°, 22%, 87%
HSV	352°, 6%, 90%
XYZ	69.8456, 70.9967, 76.3394
YIQ	220.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

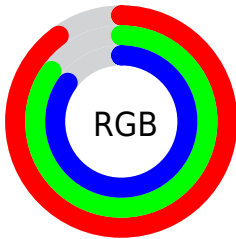
Format	Color
RYP	230, 216, 218
Decimal	15128794
CIELab	87.48, 5.15, 0.74
CIElCh	87, 5.206, 8.225
Yxy	70.9967, 0.3216, 0.3269
Android (android.graphics.Color)	4293318874 (0xFFE6D8DA)
YUV	220.4140, -1.1901, 8.4069
Hunter-Lab	84.2595, 0.5106, 5.2648

Details

The Yxy color $70.9967, 0.3216, 0.3269$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76.8057, 0.3045, 0.3311$, and the grayscale version is $71.8814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1328, 0.3234, 0.3262$ is the 20% darker color. If you saturate the color by 10%, you get $59.0539, 0.3390, 0.3233$, and if you desaturate by 10%, it is $84.7186, 0.3076, 0.3303$.

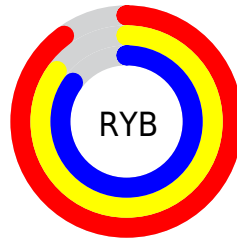
Distribution



Red (90%)

Green (85%)

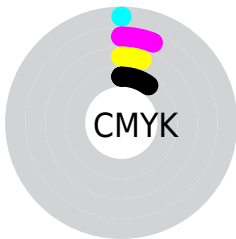
Blue (85%)



Red (90%)

Yellow (85%)

Blue (85%)

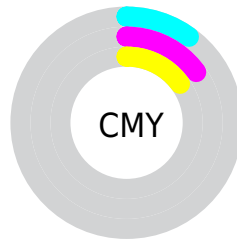


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9967, 0.3216, 0.3269 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 70.9967, 0.3216, 0.3269 by changing the saturation by 10% instead.

 70.9967, 0.3216,
0.3269

 70.9967, 0.3216,
0.3269


464.0419, 0.3175,
0.3279

 52.3395, 0.3226,
0.3267


120.6290, 0.3202,
0.3272

 37.2758, 0.3237,
0.3264


152.3729, 0.3196,
0.3274

 25.4211, 0.3252,
0.3260


189.2479, 0.3191,
0.3275

 16.3910, 0.3272,
0.3255

231.6383, 0.3187,
0.3276

 9.8013, 0.3299,
0.3249

279.9285, 0.3183,
0.3277

 5.2674, 0.3339,
0.3239

334.5029, 0.3180,

 2.4050, 0.3403,

0.3278

0.3223

395.7459, 0.3177,
0.3278

0.8285, 0.3529,
0.3194

0.0000, 0.0000,
0.0000

70.9967, 0.3216,
0.3269

70.9967, 0.3216,
0.3269

59.0539, 0.3390,
0.3233

84.7186, 0.3076,
0.3303

48.8086, 0.3606,
0.3194

95.5658, 0.2976,
0.3290

40.1862, 0.3872,
0.3156

33.1034, 0.4196,
0.3121

■ 27.4693, 0.4577,
0.3094

■ 23.1834, 0.5003,
0.3081

■ 20.1324, 0.5442,
0.3091

■ 18.1842, 0.5842,
0.3127

■ 17.1756, 0.6146,
0.3187

Harmonies

Analogous

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



70.9967, 0.3160, 0.3219



70.9967, 0.3216, 0.3269



70.9967, 0.3248, 0.3325

Triad

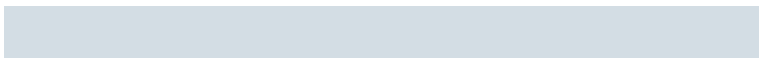
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9967, 0.3216, 0.3269



70.9967, 0.3157, 0.3395



70.9967, 0.3009, 0.3207

Complementary

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



70.9967, 0.3216, 0.3269



76.8057, 0.3045, 0.3311

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.



70.9967, 0.3008, 0.3254



70.9967, 0.3216, 0.3269



70.9967, 0.3093, 0.3363

Square

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



70.9967, 0.3216, 0.3269



70.9967, 0.3214, 0.3398



70.9967, 0.3039, 0.3311



70.9967, 0.3041, 0.3184

Rectangle

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



70.9967, 0.3216, 0.3269



70.9967, 0.3251, 0.3358



70.9967, 0.3039, 0.3311



70.9967, 0.3005, 0.3221

Sweetspot

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



70.9998, 0.3216, 0.3269



96.5102, 0.3155, 0.3283



71.3071, 0.3119, 0.3141



20.6937, 0.3154, 0.3284



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

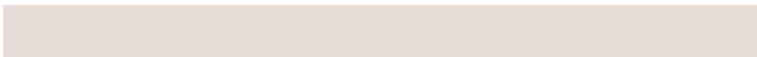
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9998, 0.3216, 0.3269



88.1871, 0.3231, 0.3266



73.4478, 0.3225, 0.3343



14.9063, 0.3239, 0.3264



9.5954, 0.6207, 0.3193



0.7196, 0.5862, 0.3003

Inverse Universe

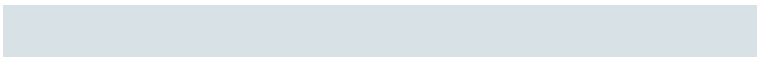
The Inverse Universe completely reimagines the original color for something new.



70.9998, 0.3216, 0.3269



88.1871, 0.3231, 0.3266



74.2243, 0.3033, 0.3237



14.9063, 0.3239, 0.3264



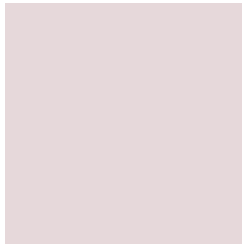
9.5954, 0.6207, 0.3193



0.7196, 0.5862, 0.3003

Previews

White Background



This preview shows how the Yxy color 70.9967, 0.3216, 0.3269 looks on a white background.

Color Contrast Check

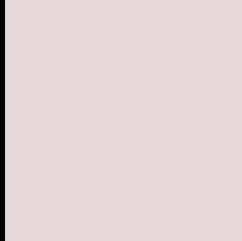
Large Text (above 18pt) WCAG AA × Fail

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 70.9967, 0.3216, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

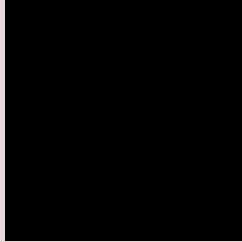
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

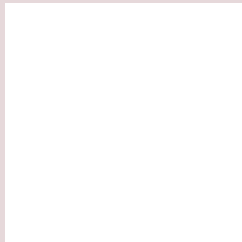
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9967, 0.3216, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 70.9967, 0.3216, 0.3269.

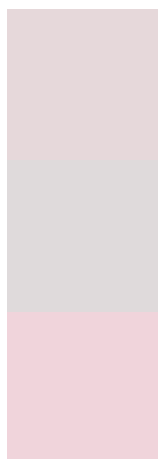


This preview shows how white text looks on a background with the Yxy color 70.9967, 0.3216, 0.3269.

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

70.9967, 0.3216, 0.3269

Protanopia

70.9453, 0.3156, 0.3279

Deuteranopia

70.7267, 0.3287, 0.3217



Tritanopia

71.0185, 0.3143, 0.3111

Trichromacy



Original Color

70.9967, 0.3216, 0.3269

Protanomaly

70.9089, 0.3179, 0.3269

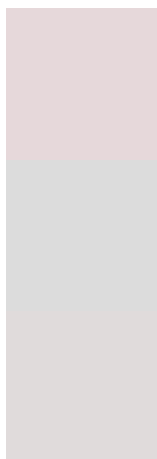
Deuteranomaly

70.5358, 0.3256, 0.3227

Tritanomaly

71.0808, 0.3169, 0.3173

Monochromacy



Original Color

70.9967, 0.3216, 0.3269

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6248, 0.3163, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9967, 0.3216, 0.3269 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(230, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 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(230, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 218) }
```

Border

The CSS property to change the border of an element to Yxy 70.9967, 0.3216, 0.3269 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(230, 216, 218) }
```

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

```
.border{ border-color:rgb(230, 216, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 216, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 216, 218); box-shadow:4px 4px 4px 4px rgb(230, 216, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9967, 0.3216, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 218) }
```

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

```
.background{ background-color: rgb(230,  
216, 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](#).

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