

Converting Colors

$Y_{xy}(71.7001, 0.3265, 0.3261)$

Have a look what the booklet for
Yxy(71.7001, 0.3265, 0.3261)
contains.

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Color

Yxy(71.6674, 0.3268, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	EDD7DA
RGB	237, 215, 218
RGB Percent	93%, 84%, 85%
CMY	0.0708, 0.1568, 0.1451
CMYK	0.00, 0.09, 0.08, 0.07
HSL	352°, 38%, 89%
HSV	352°, 9%, 93%
XYZ	71.8653, 71.6674, 76.3734
YIQ	221.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

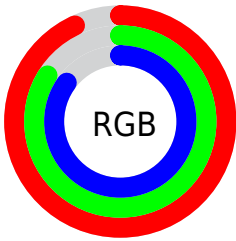
Format	Color
RYB	237, 215, 218
Decimal	15587290
CIELab	87.81, 8.06, 1.28
CIELCh	88, 8.160, 9.013
Yxy	71.6674, 0.3268, 0.3259
Android (android.graphics.Color)	4293777370 (0xFFEDD7DA)
YUV	221.9200, -1.9326, 13.2252
Hunter-Lab	84.6566, 3.3803, 5.7708

Details

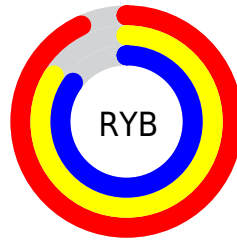
The Yxy color **71.6674, 0.3268, 0.3259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9242, 0.3002, 0.3321**, and the grayscale version is **72.9924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6097, 0.3304, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **59.4561, 0.3456, 0.3223**, and if you desaturate by 10%, it is **85.7650, 0.3117, 0.3292**.

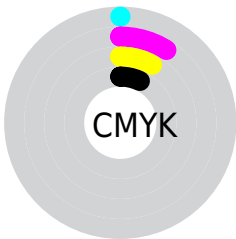
Distribution



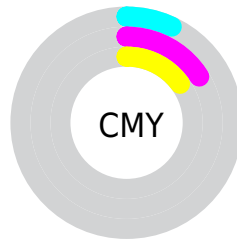
- Red (93%)
- Green (84%)
- Blue (85%)



- Red (93%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6674, 0.3268, 0.3259 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 71.6674, 0.3268, 0.3259 by changing the saturation by 10% instead.


 71.6674, 0.3268,
0.3259

 71.6674, 0.3268,
0.3259


466.3831, 0.3203,
0.3274

 52.8870, 0.3283,
0.3256


121.5835, 0.3245,
0.3264

 37.7126, 0.3302,
0.3251


153.4881, 0.3236,
0.3266

 25.7597, 0.3326,
0.3246


190.5362, 0.3229,
0.3268

 16.6440, 0.3357,
0.3239

233.1122, 0.3222,
0.3269

 9.9810, 0.3400,
0.3228

281.6005, 0.3216,
0.3271

 5.3863, 0.3462,
0.3213

336.3854, 0.3211,

 2.4757, 0.3562,

0.3272

0.3189

397.8515, 0.3207,
0.3273

0.8644, 0.3753,
0.3147

0.0000, 0.0000,
0.0000

71.6674, 0.3268,
0.3259

71.6674, 0.3268,
0.3259

59.4561, 0.3456,
0.3223

85.7650, 0.3117,
0.3292

49.0421, 0.3689,
0.3186

96.7344, 0.3017,
0.3290

40.3432, 0.3976,
0.3150

33.2673, 0.4321,
0.3118

■ 27.7135, 0.4722,
0.3096

■ 23.5697, 0.5161,
0.3091

■ 20.7081, 0.5596,
0.3109

■ 18.9779, 0.5970,
0.3153

■ 18.1467, 0.6233,
0.3212

Harmonies

Analogous

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



71.6674, 0.3181, 0.3182



71.6674, 0.3268, 0.3259



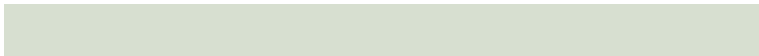
71.6674, 0.3317, 0.3345

Triad

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



71.6674, 0.3268, 0.3259



71.6674, 0.3171, 0.3454



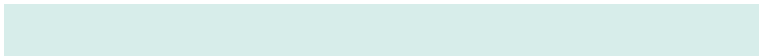
71.6674, 0.2944, 0.3159

Complementary

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



71.6674, 0.3268, 0.3259



80.9242, 0.3002, 0.3321

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.



71.6674, 0.2941, 0.3230



71.6674, 0.3268, 0.3259



71.6674, 0.3071, 0.3402

Square

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



71.6674, 0.3268, 0.3259



71.6674, 0.3260, 0.3459



71.6674, 0.2988, 0.3320



71.6674, 0.2995, 0.3124

Rectangle

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



71.6674, 0.3268, 0.3259



71.6674, 0.3321, 0.3397



71.6674, 0.2988, 0.3320



71.6674, 0.2937, 0.3179

Sweetspot

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



71.6705, 0.3268, 0.3259



94.7972, 0.3170, 0.3280



72.1591, 0.3114, 0.3062



20.0004, 0.3182, 0.3278



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.



71.6705, 0.3268, 0.3259



81.9265, 0.3299, 0.3253



75.5154, 0.3280, 0.3371



15.0873, 0.3272, 0.3258



9.8981, 0.6220, 0.3200



0.7878, 0.5902, 0.3025

Inverse Universe

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



71.6705, 0.3268, 0.3259



81.9265, 0.3299, 0.3253



76.7508, 0.2984, 0.3208



15.0873, 0.3272, 0.3258



9.8981, 0.6220, 0.3200



0.7878, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 71.6674, 0.3268, 0.3259 looks on a white background.

Color Contrast Check

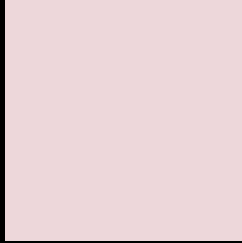
Large Text (above 18pt) WCAG AA × Fail

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 71.6674, 0.3268, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

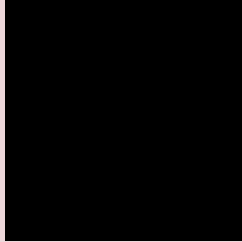
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

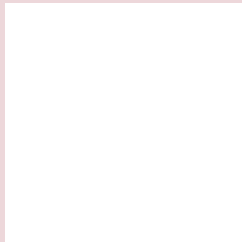
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6674, 0.3268, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 71.6674, 0.3268, 0.3259.



This preview shows how white text looks on a background with the Yxy color 71.6674, 0.3268, 0.3259.

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

71.6674, 0.3268, 0.3259

Protanopia

71.6776, 0.3156, 0.3279

Deuteranopia

71.5277, 0.3308, 0.3238



Tritanopia

71.6524, 0.3201, 0.3113

Trichromacy



Original Color

71.6674, 0.3268, 0.3259

Protanomaly

71.9153, 0.3200, 0.3280

Deuteranomaly

71.6804, 0.3292, 0.3249

Tritanomaly

71.7613, 0.3221, 0.3165

Monochromacy



Original Color

71.6674, 0.3268, 0.3259

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2144, 0.3171, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6674, 0.3268, 0.3259 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(237, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 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(237, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.6674, 0.3268, 0.3259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

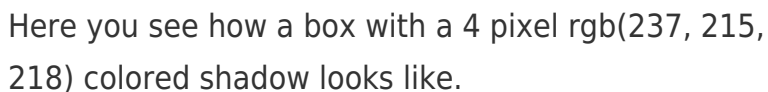
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 215, 218) }
```

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

```
.border{ border-color:rgb(237, 215, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 215, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 215, 218); box-shadow:4px 4px 4px 4px rgb(237, 215, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6674, 0.3268, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 218) }
```

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

```
.background{ background-color: rgb(237,  
215, 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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