

Converting Colors

$Y_{xy}(70.2650, 0.3206, 0.3201)$

Have a look what the booklet for
Yxy(70.2650, 0.3206, 0.3201)
contains.

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Color

Yxy(70.0182, 0.3205, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	E8D5DE
RGB	232, 213, 222
RGB Percent	91%, 84%, 87%
CMY	0.0902, 0.1647, 0.1293
CMYK	0.00, 0.08, 0.04, 0.09
HSL	331°, 29%, 87%
HSV	331°, 8%, 91%
XYZ	70.2593, 70.0182, 78.9404
YIQ	219.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

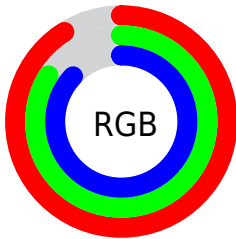
Format	Color
R _Y B	232, 213, 222
Decimal	15259102
CIE Lab	87.01, 8.10, -2.07
CIE LCh	87, 8.361, 345.637
Yxy	70.0182, 0.3205, 0.3194
Android (android.graphics.Color)	4293449182 (0xFFE8D5DE)
YUV	219.7070, 1.1304, 10.7810
Hunter-Lab	83.6769, 3.4431, 2.6399

Details

The Yxy color **70.0182, 0.3205, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.1828, 0.3056, 0.3388**, and the grayscale version is **71.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4738, 0.3220, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **58.5436, 0.3318, 0.3071**, and if you desaturate by 10%, it is **83.2154, 0.3112, 0.3311**.

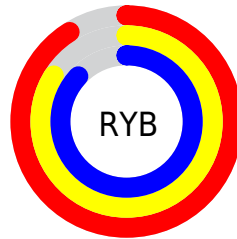
Distribution



Red (91%)

Green (84%)

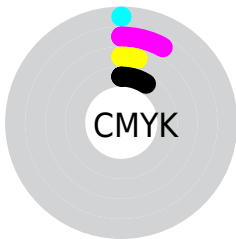
Blue (87%)



Red (91%)

Yellow (84%)

Blue (87%)

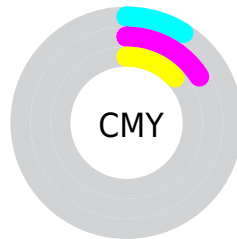


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (9%)



Cyan (9%)


Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0182, 0.3205, 0.3194 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 70.0182, 0.3205, 0.3194 by changing the saturation by 10% instead.

 70.0182, 0.3205,
0.3194

 70.0182, 0.3205,
0.3194

460.6139, 0.3169,
0.3239

 51.5414, 0.3213,
0.3184


119.2347, 0.3192,
0.3209

 36.6396, 0.3224,
0.3171


150.7432, 0.3188,
0.3215

 24.9286, 0.3237,
0.3155


187.3643, 0.3183,
0.3221

 16.0239, 0.3254,
0.3134

229.4825, 0.3180,
0.3225

 9.5410, 0.3277,
0.3106

277.4822, 0.3177,
0.3229

 5.0957, 0.3311,
0.3064

331.7477, 0.3174,

 2.3035, 0.3366,

0.3233

0.2999

392.6635, 0.3171,
0.3236

0.7756, 0.3471,
0.2869

0.0000, 0.0000,
0.0000

70.0182, 0.3205,
0.3194

70.0182, 0.3205,
0.3194

58.5436, 0.3318,
0.3071

83.2154, 0.3112,
0.3311

48.7109, 0.3455,
0.2943

95.3517, 0.3035,
0.3376

40.4467, 0.3617,
0.2815

95.8949, 0.2987,
0.3290

33.6682, 0.3809,
0.2694

■ 28.2851, 0.4028,
0.2590

■ 24.1969, 0.4273,
0.2513

■ 21.2898, 0.4534,
0.2478

■ 19.4297, 0.4798,
0.2495

■ 18.4271, 0.5051,
0.2566

Harmonies

Analogous

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



70.0182, 0.3102, 0.3135



70.0182, 0.3205, 0.3194



70.0182, 0.3288, 0.3278

Triad

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



70.0182, 0.3205, 0.3194



70.0182, 0.3246, 0.3468



70.0182, 0.2931, 0.3209

Complementary

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



70.0182, 0.3205, 0.3194



77.1828, 0.3056, 0.3388

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.



70.0182, 0.2969, 0.3300



70.0182, 0.3205, 0.3194



70.0182, 0.3150, 0.3451

Square

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



70.0182, 0.3205, 0.3194



70.0182, 0.3312, 0.3436



70.0182, 0.3048, 0.3389



70.0182, 0.2945, 0.3143

Rectangle

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



70.0182, 0.3205, 0.3194



70.0182, 0.3320, 0.3337



70.0182, 0.3048, 0.3389



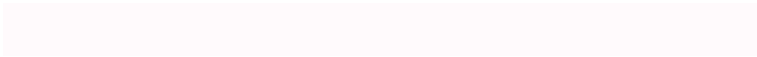
70.0182, 0.2938, 0.3238

Sweetspot

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



70.0213, 0.3205, 0.3194



96.6179, 0.3145, 0.3267



69.0754, 0.3070, 0.3086



20.7156, 0.3144, 0.3268



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.



70.0213, 0.3205, 0.3194



83.9638, 0.3225, 0.3171



69.7093, 0.3268, 0.3294



14.4815, 0.3218, 0.3179



10.1778, 0.5058, 0.2560



0.7708, 0.4717, 0.2372

Inverse Universe

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



70.0213, 0.3205, 0.3194



83.9638, 0.3225, 0.3171



77.5047, 0.3001, 0.3286



14.4815, 0.3218, 0.3179



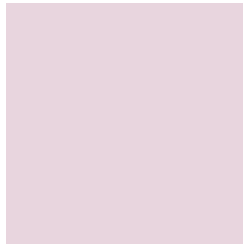
10.1778, 0.5058, 0.2560



0.7708, 0.4717, 0.2372

Previews

White Background



This preview shows how the Yxy color 70.0182, 0.3205, 0.3194 looks on a white background.

Color Contrast Check

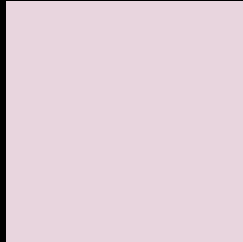
Large Text (above 18pt) WCAG AA × Fail

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 70.0182, 0.3205, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

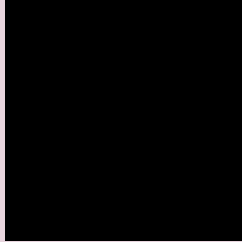
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

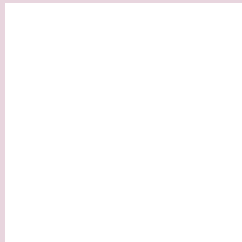
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0182, 0.3205, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 70.0182, 0.3205, 0.3194.



This preview shows how white text looks on a background with the Yxy color 70.0182, 0.3205, 0.3194.

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

70.0182, 0.3205, 0.3194

Protanopia

70.2232, 0.3102, 0.3214

Deuteranopia

69.8670, 0.3244, 0.3174



Tritanopia

70.0677, 0.3165, 0.3111

Trichromacy



Original Color

70.0182, 0.3205, 0.3194

Protanomaly

70.2867, 0.3138, 0.3214

Deuteranomaly

70.0231, 0.3228, 0.3184

Tritanomaly

69.9016, 0.3186, 0.3142

Monochromacy



Original Color

70.0182, 0.3205, 0.3194

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6935, 0.3151, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0182, 0.3205, 0.3194 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(232, 213, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 222)  
}
```

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(232, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 222) }
```

Border

The CSS property to change the border of an element to Yxy 70.0182, 0.3205, 0.3194 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(232, 213, 222) }
```

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

```
.border{ border-color:rgb(232, 213, 222) }
```

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

Here you see how a box with a 4 pixel rgb(232, 213, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0182, 0.3205, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 222) }
```

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

```
.background{ background-color: rgb(232,  
213, 222) }
```

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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