

Converting Colors

$Y_{xy}(70.8248, 0.3225, 0.3181)$

Have a look what the booklet for
Yxy(70.8248, 0.3225, 0.3181)
contains.

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Color

Yxy(70.7491, 0.3228, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	ECD5DF
RGB	236, 213, 223
RGB Percent	93%, 84%, 87%
CMY	0.0745, 0.1647, 0.1255
CMYK	0.00, 0.10, 0.06, 0.07
HSL	334°, 38%, 88%
HSV	334°, 10%, 93%
XYZ	71.7043, 70.7491, 79.6788
YIQ	221.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

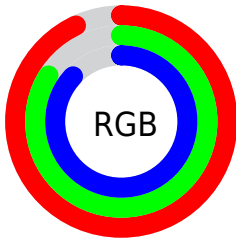
Format	Color
R _Y B	236, 213, 223
Decimal	15521247
CIE Lab	87.36, 9.64, -2.02
CIE LCh	87, 9.847, 348.182
Yxy	70.7491, 0.3228, 0.3185
Android (android.graphics.Color)	4293711327 (0xFFECD5DF)
YUV	221.0170, 0.9776, 13.1401
Hunter-Lab	84.1125, 4.9710, 2.7140

Details

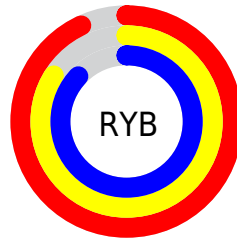
The Yxy color **70.7491, 0.3228, 0.3185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6314, 0.3036, 0.3397**, and the grayscale version is **72.3079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9842, 0.3250, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **59.0383, 0.3353, 0.3071**, and if you desaturate by 10%, it is **84.2505, 0.3125, 0.3293**.

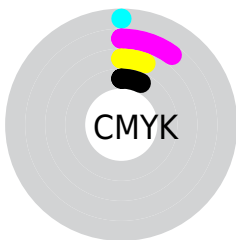
Distribution



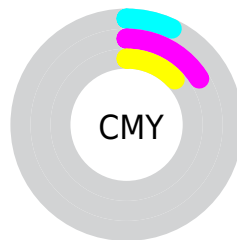
- Red (93%)
- Green (84%)
- Blue (87%)



- Red (93%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (7%)




- Cyan (7%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7491, 0.3228, 0.3185 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 70.7491, 0.3228, 0.3185 by changing the saturation by 10% instead.


 70.7491, 0.3228,
0.3185

 70.7491, 0.3228,
0.3185

463.1759, 0.3181,
0.3234

 52.1375, 0.3239,
0.3174

120.2764, 0.3212,
0.3202

 37.1147, 0.3252,
0.3160

151.9609, 0.3205,
0.3208

 25.2963, 0.3269,
0.3143

188.7717, 0.3200,
0.3214

 16.2979, 0.3291,
0.3120

231.0934, 0.3195,
0.3219

 9.7352, 0.3321,
0.3089

279.3102, 0.3191,
0.3223

 5.2238, 0.3365,
0.3045

333.8067, 0.3188,

 2.3791, 0.3434,

0.3227

0.2974

394.9671, 0.3184,
0.3231

0.8151, 0.3563,
0.2844

0.0000, 0.0000,
0.0000

70.7491, 0.3228,
0.3185

70.7491, 0.3228,
0.3185

59.0383, 0.3353,
0.3071

84.2505, 0.3125,
0.3293

49.0333, 0.3505,
0.2954

96.2366, 0.3041,
0.3342

40.6561, 0.3687,
0.2837

96.5732, 0.3011,
0.3290

33.8189, 0.3901,
0.2728

■ 28.4258, 0.4147,
0.2637

■ 24.3699, 0.4420,
0.2576

■ 21.5292, 0.4709,
0.2558

■ 19.7590, 0.4997,
0.2593

■ 18.8211, 0.5268,
0.2677

Harmonies

Analogous

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



70.7491, 0.3108, 0.3113



70.7491, 0.3228, 0.3185



70.7491, 0.3322, 0.3284

Triad

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



70.7491, 0.3228, 0.3185



70.7491, 0.3258, 0.3500



70.7491, 0.2897, 0.3187

Complementary

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



70.7491, 0.3228, 0.3185



79.6314, 0.3036, 0.3397

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.



70.7491, 0.2936, 0.3292



70.7491, 0.3228, 0.3185



70.7491, 0.3143, 0.3476

Square

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



70.7491, 0.3228, 0.3185



70.7491, 0.3339, 0.3466



70.7491, 0.3025, 0.3399



70.7491, 0.2918, 0.3113

Rectangle

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



70.7491, 0.3228, 0.3185



70.7491, 0.3357, 0.3354



70.7491, 0.3025, 0.3399



70.7491, 0.2903, 0.3220

Sweetspot

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



70.7522, 0.3228, 0.3185



94.9401, 0.3156, 0.3258



69.7611, 0.3064, 0.3045



20.0388, 0.3164, 0.3250



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.



70.7522, 0.3228, 0.3185



80.9409, 0.3255, 0.3159



70.8101, 0.3297, 0.3303



15.1626, 0.3225, 0.3188



10.3882, 0.5234, 0.2657



0.8347, 0.4885, 0.2465

Inverse Universe

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



70.7522, 0.3228, 0.3185



80.9409, 0.3255, 0.3159



79.5355, 0.2977, 0.3277



15.1626, 0.3225, 0.3188



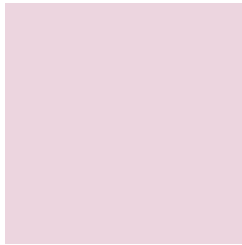
10.3882, 0.5234, 0.2657



0.8347, 0.4885, 0.2465

Previews

White Background



This preview shows how the Yxy color 70.7491, 0.3228, 0.3185 looks on a white background.

Color Contrast Check

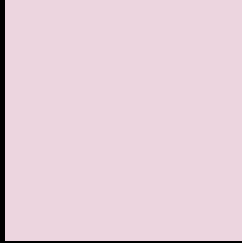
Large Text (above 18pt) WCAG AA × Fail

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 70.7491, 0.3228, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

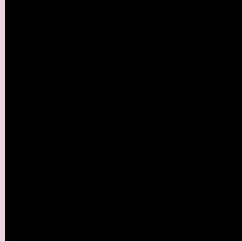
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

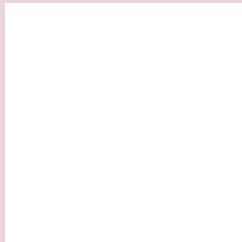
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7491, 0.3228, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 70.7491, 0.3228, 0.3185.

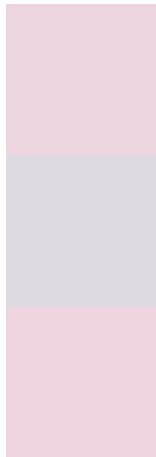


This preview shows how white text looks on a background with the Yxy color 70.7491, 0.3228, 0.3185.

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

70.7491, 0.3228, 0.3185

Protanopia

71.0059, 0.3096, 0.3203

Deuteranopia

70.5918, 0.3244, 0.3175



Tritanopia

70.7486, 0.3194, 0.3112

Trichromacy



Original Color

70.7491, 0.3228, 0.3185

Protanomaly

70.7167, 0.3139, 0.3193

Deuteranomaly

70.4192, 0.3236, 0.3175

Tritanomaly

70.6375, 0.3208, 0.3133

Monochromacy



Original Color

70.7491, 0.3228, 0.3185

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5855, 0.3158, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7491, 0.3228, 0.3185 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(236, 213, 223)` looks like.

```
.text, #text, p{  
    color:rgb(236, 213, 223)  
}
```

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(236, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 213, 223) }
```

Border

The CSS property to change the border of an element to Yxy 70.7491, 0.3228, 0.3185 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(236, 213, 223) }
```

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

```
.border{ border-color:rgb(236, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(236, 213,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7491, 0.3228, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 213, 223) }
```

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

```
.background{ background-color: rgb(236,  
213, 223) }
```

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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