

Converting Colors

$Y_{xy}(70.4022, 0.3319, 0.3225)$

Have a look what the booklet for
Yxy(70.4022, 0.3319, 0.3225)
contains.

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Color

Yxy(70.4755, 0.3318, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	F2D3D9
RGB	242, 211, 217
RGB Percent	95%, 83%, 85%
CMY	0.0509, 0.1726, 0.1491
CMYK	0.00, 0.13, 0.10, 0.05
HSL	348°, 54%, 89%
HSV	348°, 13%, 95%
XYZ	72.4404, 70.4755, 75.4097
YIQ	220.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

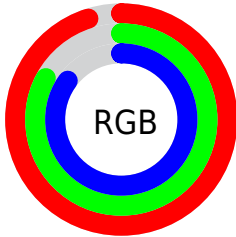
Format	Color
R _Y B	242, 211, 217
Decimal	15913945
CIE Lab	87.23, 11.77, 1.03
CIE LCh	87, 11.811, 5.009
Yxy	70.4755, 0.3318, 0.3228
Android (android.graphics.Color)	4294104025 (0xFFFF2D3D9)
YUV	220.9530, -1.9488, 18.4582
Hunter-Lab	83.9497, 7.1162, 5.5062

Details

The Yxy color $70.4755, 0.3318, 0.3228$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.4296, 0.2965, 0.3353$, and the grayscale version is $72.2796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.8247, 0.3369, 0.3209$ is the 20% darker color. If you saturate the color by 10%, you get $58.3873, 0.3508, 0.3176$, and if you desaturate by 10%, it is $84.5009, 0.3165, 0.3277$.

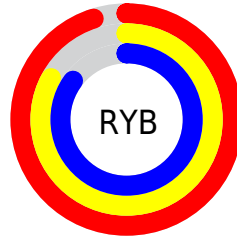
Distribution



Red (95%)

Green (83%)

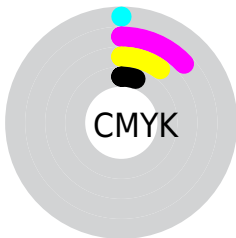
Blue (85%)



Red (95%)

Yellow (83%)

Blue (85%)

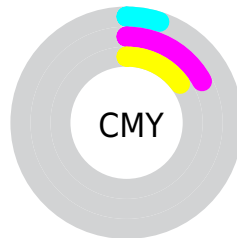


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4755, 0.3318, 0.3228 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 70.4755, 0.3318, 0.3228 by changing the saturation by 10% instead.


 70.4755, 0.3318,
0.3228

 70.4755, 0.3318,
0.3228


462.2178, 0.3229,
0.3257

 51.9143, 0.3339,
0.3221


119.8866, 0.3287,
0.3238

 36.9368, 0.3364,
0.3213


151.5053, 0.3275,
0.3242

 25.1585, 0.3396,
0.3202


188.2452, 0.3265,
0.3246

 16.1952, 0.3439,
0.3188

230.4908, 0.3256,
0.3249

 9.6624, 0.3498,
0.3168

278.6265, 0.3248,
0.3251

 5.1757, 0.3584,
0.3138

333.0366, 0.3241,

 2.3507, 0.3723,

0.3253

0.3091

394.1056, 0.3235,
0.3255

0.8004, 0.3997,
0.3003

0.0000, 0.0000,
0.0000

70.4755, 0.3318,
0.3228

70.4755, 0.3318,
0.3228

58.3873, 0.3508,
0.3176

84.5009, 0.3165,
0.3277

48.1421, 0.3742,
0.3124

97.6223, 0.3048,
0.3290

39.6517, 0.4028,
0.3073

32.8173, 0.4368,
0.3030

■ 27.5299, 0.4758,
0.3002

■ 23.6676, 0.5177,
0.2999

■ 21.0900, 0.5586,
0.3029

■ 19.6277, 0.5936,
0.3093

■ 19.0842, 0.6129,
0.3150

Harmonies

Analogous

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



70.4755, 0.3186, 0.3121



70.4755, 0.3318, 0.3228



70.4755, 0.3399, 0.3352

Triad

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



70.4755, 0.3318, 0.3228



70.4755, 0.3209, 0.3535



70.4755, 0.2857, 0.3109

Complementary

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



70.4755, 0.3318, 0.3228



83.4296, 0.2965, 0.3353

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.



70.4755, 0.2863, 0.3218



70.4755, 0.3318, 0.3228



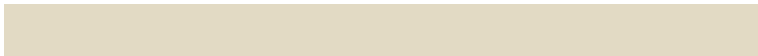
70.4755, 0.3064, 0.3468

Square

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



70.4755, 0.3318, 0.3228



70.4755, 0.3334, 0.3533



70.4755, 0.2938, 0.3350



70.4755, 0.2921, 0.3052

Rectangle

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



70.4755, 0.3318, 0.3228



70.4755, 0.3411, 0.3430



70.4755, 0.2938, 0.3350



70.4755, 0.2851, 0.3141

Sweetspot

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



70.4786, 0.3318, 0.3228



93.1446, 0.3181, 0.3271



70.8032, 0.3097, 0.2969



19.6695, 0.3192, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

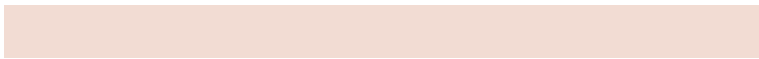
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4786, 0.3318, 0.3228



76.1448, 0.3357, 0.3217



74.9337, 0.3348, 0.3388



15.8085, 0.3263, 0.3245



10.2644, 0.6094, 0.3130



0.8673, 0.5745, 0.2939

Inverse Universe

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



70.4786, 0.3318, 0.3228



76.1448, 0.3357, 0.3217



78.3806, 0.2929, 0.3190



15.8085, 0.3263, 0.3245



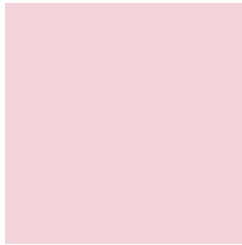
10.2644, 0.6094, 0.3130



0.8673, 0.5745, 0.2939

Previews

White Background



This preview shows how the Yxy color 70.4755, 0.3318, 0.3228 looks on a white background.

Color Contrast Check

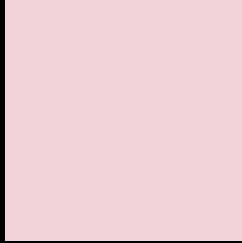
Large Text (above 18pt) WCAG AA × Fail

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 70.4755, 0.3318, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

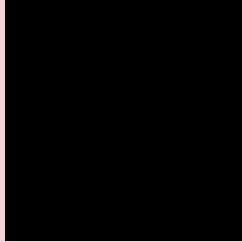
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4755, 0.3318, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 70.4755, 0.3318, 0.3228.

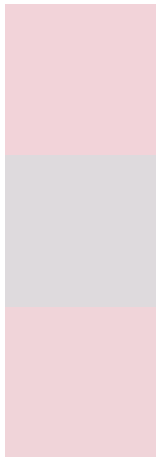


This preview shows how white text looks on a background with the Yxy color 70.4755, 0.3318, 0.3228.

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

70.4755, 0.3318, 0.3228

Protanopia

70.8929, 0.3136, 0.3257

Deuteranopia

70.6220, 0.3301, 0.3238



Tritanopia

70.6389, 0.3262, 0.3125

Trichromacy



Original Color

70.4755, 0.3318, 0.3228

Protanomaly

70.4262, 0.3195, 0.3237

Deuteranomaly

70.7975, 0.3309, 0.3238

Tritanomaly

70.4756, 0.3283, 0.3155

Monochromacy



Original Color

70.4755, 0.3318, 0.3228

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.4510, 0.3194, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4755, 0.3318, 0.3228 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(242, 211, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 217)  
}
```

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(242, 211, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 217) }
```

Border

The CSS property to change the border of an element to Yxy 70.4755, 0.3318, 0.3228 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(242, 211, 217) }
```

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

```
.border{ border-color:rgb(242, 211, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 211, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4755, 0.3318, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 217) }
```

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

```
.background{ background-color: rgb(242,  
211, 217) }
```

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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