

Converting Colors

$Yxy(69.3793, 0.3366, 0.3228)$

Have a look what the booklet for
Yxy(69.3793, 0.3366, 0.3228)
contains.

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Color

Yxy(69.3793, 0.3366, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	F5D0D6
RGB	245, 208, 214
RGB Percent	96%, 82%, 84%
CMY	0.0393, 0.1843, 0.1607
CMYK	0.00, 0.15, 0.13, 0.04
HSL	350°, 65%, 89%
HSV	350°, 15%, 96%
XYZ	72.3453, 69.3793, 73.2050
YIQ	219.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

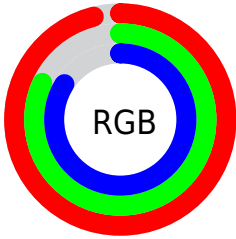
Format	Color
R _Y B	245, 208, 214
Decimal	16109782
CIE Lab	86.69, 13.89, 1.85
CIE LCh	87, 14.007, 7.569
Yxy	69.3793, 0.3366, 0.3228
Android (android.graphics.Color)	4294299862 (0xFFFF5D0D6)
YUV	219.7470, -2.8333, 22.1469
Hunter-Lab	83.2942, 9.2715, 6.1976

Details

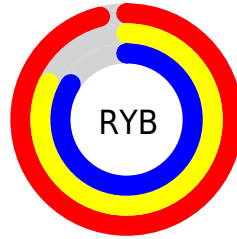
The Yxy color **69.3793, 0.3366, 0.3228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.9347, 0.2931, 0.3353**, and the grayscale version is **71.3953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3058, 0.3423, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **57.3607, 0.3573, 0.3184**, and if you desaturate by 10%, it is **83.3811, 0.3199, 0.3270**.

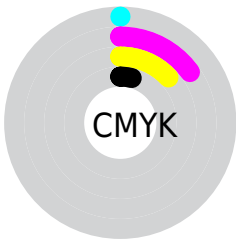
Distribution



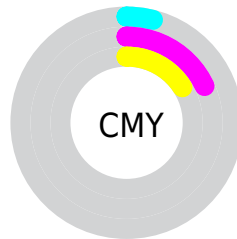
- Red (96%)
- Green (82%)
- Blue (84%)



- Red (96%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3793, 0.3366, 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 69.3793, 0.3366, 0.3228 by changing the saturation by 10% instead.


 69.3793, 0.3366,
0.3228

 69.3793, 0.3366,
0.3228


458.3676, 0.3254,
0.3258

 51.0207, 0.3392,
0.3221

118.3232, 0.3327,
0.3238

 36.2251, 0.3424,
0.3212


149.6772, 0.3312,
0.3242

 24.6081, 0.3465,
0.3201


186.1318, 0.3299,
0.3246

 15.7853, 0.3519,
0.3186

228.0714, 0.3288,
0.3249

 9.3723, 0.3594,
0.3165

275.8804, 0.3278,
0.3251

 4.9848, 0.3705,
0.3134

329.9432, 0.3269,

 2.2384, 0.3883,

0.3254

0.3081

390.6441, 0.3261,
0.3256

0.7408, 0.4276,
0.2990

0.0000, 0.0000,
0.0000

69.3793, 0.3366,
0.3228

69.3793, 0.3366,
0.3228

57.3607, 0.3573,
0.3184

83.3811, 0.3199,
0.3270

47.2268, 0.3829,
0.3140

98.1488, 0.3066,
0.3290

38.8845, 0.4139,
0.3098

32.2291, 0.4507,
0.3065

■ 27.1451, 0.4921,
0.3048

■ 23.5023, 0.5355,
0.3055

■ 21.1495, 0.5760,
0.3091

■ 19.9014, 0.6081,
0.3155

■ 19.5604, 0.6199,
0.3189

Harmonies

Analogous

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



69.3793, 0.3212, 0.3099



69.3793, 0.3366, 0.3228



69.3793, 0.3456, 0.3375

Triad

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



69.3793, 0.3366, 0.3228



69.3793, 0.3210, 0.3580



69.3793, 0.2809, 0.3066

Complementary

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



69.3793, 0.3366, 0.3228



84.9347, 0.2931, 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.



69.3793, 0.2809, 0.3190



69.3793, 0.3366, 0.3228



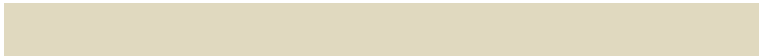
69.3793, 0.3037, 0.3493

Square

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



69.3793, 0.3366, 0.3228



69.3793, 0.3363, 0.3583



69.3793, 0.2892, 0.3348



69.3793, 0.2892, 0.3005

Rectangle

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



69.3793, 0.3366, 0.3228



69.3793, 0.3466, 0.3467



69.3793, 0.2892, 0.3348



69.3793, 0.2800, 0.3101

Sweetspot

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



69.3824, 0.3366, 0.3228



91.4643, 0.3198, 0.3270



70.0283, 0.3100, 0.2911



19.3301, 0.3209, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

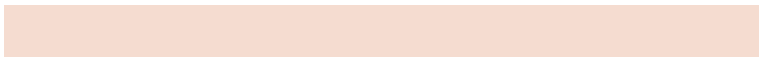
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3824, 0.3366, 0.3228



71.8964, 0.3423, 0.3215



75.3258, 0.3391, 0.3419



16.5264, 0.3268, 0.3252



10.5528, 0.6168, 0.3171



0.9400, 0.5857, 0.3000

Inverse Universe

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



69.3824, 0.3366, 0.3228



71.8964, 0.3423, 0.3215



78.0869, 0.2893, 0.3158



16.5264, 0.3268, 0.3252



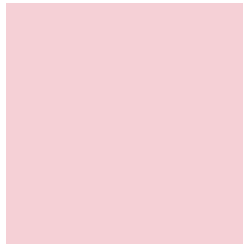
10.5528, 0.6168, 0.3171



0.9400, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 69.3793, 0.3366, 0.3228 looks on a white background.

Color Contrast Check

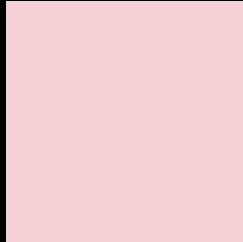
Large Text (above 18pt) WCAG AA × Fail

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 69.3793, 0.3366, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

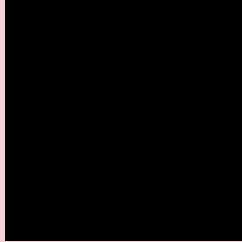
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3793, 0.3366, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 69.3793, 0.3366, 0.3228.



This preview shows how white text looks on a background with the Yxy color 69.3793, 0.3366, 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

69.3793, 0.3366, 0.3228

Protanopia

69.5984, 0.3143, 0.3257

Deuteranopia

69.2989, 0.3318, 0.3248



Tritanopia

69.5462, 0.3309, 0.3125

Trichromacy



Original Color

69.3793, 0.3366, 0.3228

Protanomaly

69.4212, 0.3225, 0.3247

Deuteranomaly

69.1567, 0.3334, 0.3238

Tritanomaly

69.3858, 0.3331, 0.3156

Monochromacy



Original Color

69.3793, 0.3366, 0.3228

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8317, 0.3208, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3793, 0.3366, 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(245, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 208, 214)  
}
```

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(245, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 214) }
```

Border

The CSS property to change the border of an element to Yxy 69.3793, 0.3366, 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(245, 208, 214) }
```

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

```
.border{ border-color:rgb(245, 208, 214) }
```

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

Here you see how a box with a 4 pixel rgb(245, 208, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3793, 0.3366, 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(245, 208, 214) }
```

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

```
.background{ background-color: rgb(245,  
208, 214) }
```

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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