

Converting Colors

$Y_{xy}(69.2200, 0.3424, 0.3257)$

Have a look what the booklet for
Yxy(69.2200, 0.3424, 0.3257)
contains.

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Color

Yxy(69.2352, 0.3421, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F8CFD2
RGB	248, 207, 210
RGB Percent	97%, 81%, 82%
CMY	0.0274, 0.1882, 0.1766
CMYK	0.00, 0.17, 0.15, 0.03
HSL	356°, 75%, 89%
HSV	356°, 17%, 97%
XYZ	72.6545, 69.2352, 70.4882
YIQ	219.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

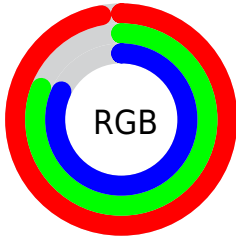
Format	Color
R _Y B	248, 207, 210
Decimal	16306130
CIE Lab	86.62, 14.84, 3.92
CIE LCh	87, 15.349, 14.786
Yxy	69.2352, 0.3421, 0.3260
Android (android.graphics.Color)	4294496210 (0xFFF8CFD2)
YUV	219.6010, -4.7333, 24.9059
Hunter-Lab	83.2077, 10.2474, 8.0187

Details

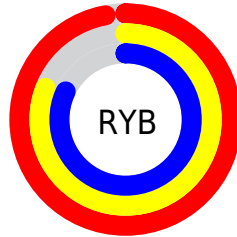
The Yxy color **69.2352, 0.3421, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9976, 0.2893, 0.3320**, and the grayscale version is **71.2999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2591, 0.3486, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **57.0844, 0.3659, 0.3241**, and if you desaturate by 10%, it is **83.4444, 0.3230, 0.3279**.

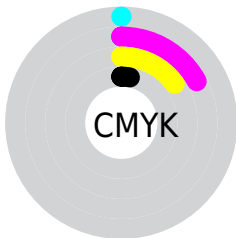
Distribution



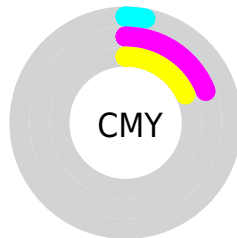
- Red (97%)
- Green (81%)
- Blue (82%)



- Red (97%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2352, 0.3421, 0.3260 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 69.2352, 0.3421, 0.3260 by changing the saturation by 10% instead.


 69.2352, 0.3421,
0.3260

 69.2352, 0.3421,
0.3260


457.8601, 0.3283,
0.3275

 50.9033, 0.3453,
0.3256


118.1174, 0.3373,
0.3266

 36.1316, 0.3493,
0.3251


149.4366, 0.3354,
0.3268

 24.5359, 0.3544,
0.3245


185.8535, 0.3338,
0.3269

 15.7316, 0.3611,
0.3236

227.7528, 0.3324,
0.3271

 9.3344, 0.3704,
0.3222

275.5186, 0.3312,
0.3272

 4.9600, 0.3841,
0.3201

329.5356, 0.3301,

 2.2238, 0.4063,

0.3273

0.3163

390.1879, 0.3292,
0.3274

0.7329, 0.4617,
0.3139

0.0000, 1.0000,
0.0000

69.2352, 0.3421,
0.3260

69.2352, 0.3421,
0.3260

57.0844, 0.3659,
0.3241

83.4444, 0.3230,
0.3279

46.8879, 0.3953,
0.3222

98.6968, 0.3084,
0.3290

38.5463, 0.4311,
0.3205

31.9481, 0.4729,
0.3193

■ 26.9696, 0.5189,
0.3190

■ 23.4708, 0.5645,
0.3200

■ 21.2884, 0.6032,
0.3225

■ 20.2179, 0.6286,
0.3259

■ 20.0003, 0.6343,
0.3268

Harmonies

Analogous

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



69.2352, 0.3264, 0.3111



69.2352, 0.3421, 0.3260



69.2352, 0.3497, 0.3420

Triad

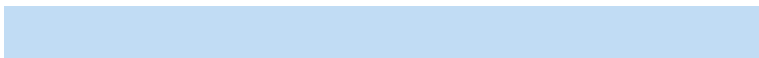
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2352, 0.3421, 0.3260



69.2352, 0.3172, 0.3594



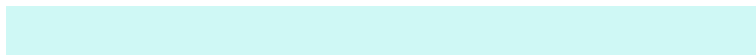
69.2352, 0.2793, 0.3021

Complementary

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



69.2352, 0.3421, 0.3260



86.9976, 0.2893, 0.3320

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.



69.2352, 0.2771, 0.3142



69.2352, 0.3421, 0.3260



69.2352, 0.2986, 0.3479

Square

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



69.2352, 0.3421, 0.3260



69.2352, 0.3350, 0.3620



69.2352, 0.2840, 0.3310



69.2352, 0.2903, 0.2974

Rectangle

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



69.2352, 0.3421, 0.3260



69.2352, 0.3491, 0.3515



69.2352, 0.2840, 0.3310



69.2352, 0.2776, 0.3054

Sweetspot

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



69.2383, 0.3421, 0.3260



91.3946, 0.3205, 0.3281



70.7452, 0.3122, 0.2877



19.3133, 0.3217, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

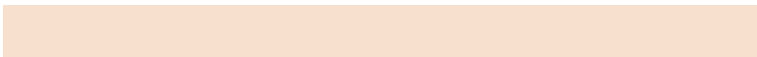
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2383, 0.3421, 0.3260



68.9844, 0.3498, 0.3253



77.8214, 0.3415, 0.3467



17.2456, 0.3283, 0.3273



10.8112, 0.6325, 0.3258



1.0082, 0.6152, 0.3163

Inverse Universe

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



69.2383, 0.3421, 0.3260



68.9844, 0.3498, 0.3253



77.1519, 0.2868, 0.3107



17.2456, 0.3283, 0.3273



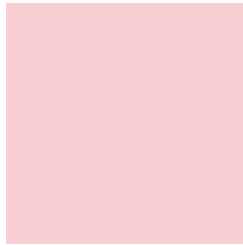
10.8112, 0.6325, 0.3258



1.0082, 0.6152, 0.3163

Previews

White Background



This preview shows how the Yxy color 69.2352, 0.3421, 0.3260 looks on a white background.

Color Contrast Check

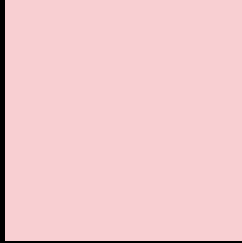
Large Text (above 18pt) WCAG AA × Fail

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 69.2352, 0.3421, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

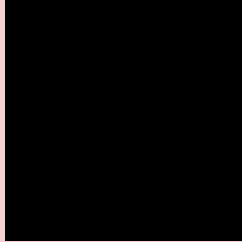
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2352, 0.3421, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 69.2352, 0.3421, 0.3260.



This preview shows how white text looks on a background with the Yxy color 69.2352, 0.3421, 0.3260.

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

69.2352, 0.3421, 0.3260

Protanopia

69.3902, 0.3170, 0.3301

Deuteranopia

69.3974, 0.3370, 0.3301



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

69.2352, 0.3421, 0.3260

Protanomaly

69.3815, 0.3261, 0.3290

Deuteranomaly

69.4375, 0.3394, 0.3291

Tritanomaly

69.2921, 0.3378, 0.3177

Monochromacy



Original Color

69.2352, 0.3421, 0.3260

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.3817, 0.3230, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2352, 0.3421, 0.3260 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(248, 207, 210)` looks like.

```
.text, #text, p{  
    color:rgb(248, 207, 210)  
}
```

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(248, 207, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 207, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.2352, 0.3421, 0.3260 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(248, 207, 210) }
```

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

```
.border{ border-color:rgb(248, 207, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 207, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 207, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 207, 210); box-shadow:4px 4px 4px 4px rgb(248, 207, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2352, 0.3421, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 207, 210) }
```

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

```
.background{ background-color: rgb(248,  
207, 210) }
```

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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