

Converting Colors

$Yxy(69.3812, 0.3387, 0.3328)$

Have a look what the booklet for
Yxy(69.3812, 0.3387, 0.3328)
contains.

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Color

Yxy(69.2990, 0.3384, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	F1D2CF
RGB	241, 210, 207
RGB Percent	95%, 82%, 81%
CMY	0.0551, 0.1764, 0.1883
CMYK	0.00, 0.13, 0.14, 0.06
HSL	5°, 55%, 88%
HSV	5°, 14%, 94%
XYZ	70.5711, 69.2990, 68.6734
YIQ	218.9270, 19.4390, 5.6390

Conversions

Conversions Part 2

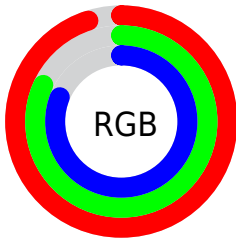
Format	Color
R _Y B	241, 210, 207
Decimal	15848143
CIE Lab	86.65, 10.29, 5.47
CIE LCh	87, 11.656, 27.985
Yxy	69.2990, 0.3384, 0.3323
Android (android.graphics.Color)	4294038223 (0xFFFF1D2CF)
YUV	218.9270, -5.8800, 19.3580
Hunter-Lab	83.2460, 5.6413, 9.3612

Details

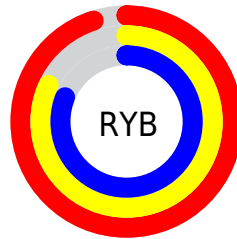
The Yxy color **69.2990, 0.3384, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7075, 0.2911, 0.3257**, and the grayscale version is **70.8147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3911, 0.3447, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **58.1113, 0.3618, 0.3348**, and if you desaturate by 10%, it is **82.1574, 0.3194, 0.3299**.

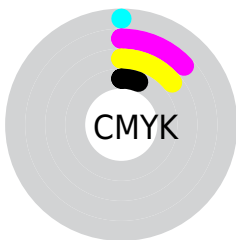
Distribution



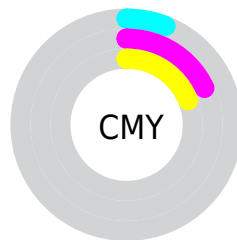
- Red (95%)
- Green (82%)
- Blue (81%)



- Red (95%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (6%)




- Cyan (6%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2990, 0.3384, 0.3323 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 69.2990, 0.3384, 0.3323 by changing the saturation by 10% instead.


 69.2990, 0.3384,
0.3323

 69.2990, 0.3384,
0.3323


458.0848, 0.3263,
0.3309

 50.9553, 0.3412,
0.3326


118.2085, 0.3342,
0.3318

 36.1730, 0.3447,
0.3329


149.5431, 0.3325,
0.3316

 24.5678, 0.3491,
0.3334


185.9768, 0.3311,
0.3315

 15.7554, 0.3550,
0.3339

227.8939, 0.3299,
0.3313

 9.3512, 0.3632,
0.3345

275.6788, 0.3289,
0.3312

 4.9710, 0.3752,
0.3353

329.7161, 0.3279,

 2.2302, 0.3947,

0.3311

0.3360

390.3899, 0.3271,
0.3310

0.7364, 0.4527,
0.3487

0.0000, 0.0000,
0.0000

69.2990, 0.3384,
0.3323

69.2990, 0.3384,
0.3323

58.1113, 0.3618,
0.3348

82.1574, 0.3194,
0.3299

48.5168, 0.3906,
0.3374

96.7305, 0.3041,
0.3279

40.4459, 0.4253,
0.3398

97.4330, 0.3041,
0.3290

33.8200, 0.4659,
0.3418

■ 28.5537, 0.5109,
0.3428

■ 24.5524, 0.5564,
0.3424

■ 21.7094, 0.5964,
0.3402

■ 19.9004, 0.6244,
0.3365

■ 19.2516, 0.6346,
0.3343

Harmonies

Analogous

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



69.2990, 0.3289, 0.3201



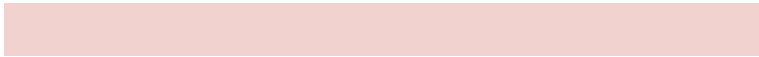
69.2990, 0.3384, 0.3323



69.2990, 0.3408, 0.3440

Triad

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



69.2990, 0.3384, 0.3323



69.2990, 0.3098, 0.3488



69.2990, 0.2902, 0.3062

Complementary

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



69.2990, 0.3384, 0.3323



80.7075, 0.2911, 0.3257

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.



69.2990, 0.2854, 0.3132



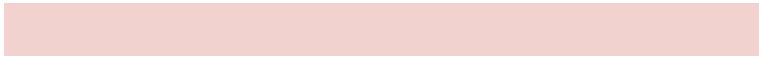
69.2990, 0.3384, 0.3323



69.2990, 0.2965, 0.3380

Square

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



69.2990, 0.3384, 0.3323



69.2990, 0.3241, 0.3539



69.2990, 0.2877, 0.3248



69.2990, 0.3010, 0.3052

Rectangle

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



69.2990, 0.3384, 0.3323



69.2990, 0.3381, 0.3499



69.2990, 0.2877, 0.3248



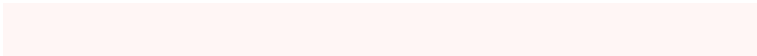
69.2990, 0.2878, 0.3079

Sweetspot

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



69.3021, 0.3384, 0.3323



93.5782, 0.3193, 0.3299



69.4887, 0.3163, 0.2970



19.7787, 0.3206, 0.3301



0.0000, 0.0000, 0.0000



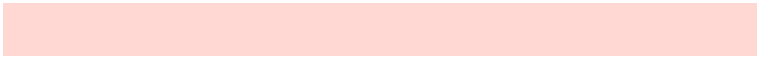
21.4041, 0.3127, 0.3290

Same Dimension

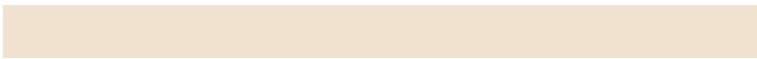
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3021, 0.3384, 0.3323



74.8699, 0.3448, 0.3330



78.0251, 0.3359, 0.3497



15.9865, 0.3291, 0.3312



10.5253, 0.6331, 0.3355



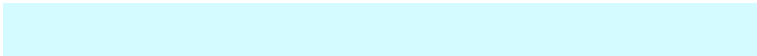
0.9528, 0.6175, 0.3479

Inverse Universe

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



80.7075, 0.2911, 0.3257



90.2309, 0.2868, 0.3249



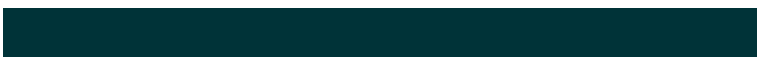
71.3952, 0.2905, 0.3074



17.6724, 0.2981, 0.3268



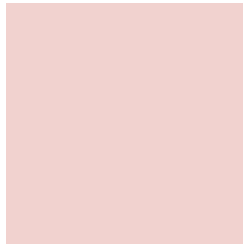
31.1339, 0.2169, 0.3007



2.6604, 0.2180, 0.3047

Previews

White Background



This preview shows how the Yxy color 69.2990, 0.3384, 0.3323 looks on a white background.

Color Contrast Check

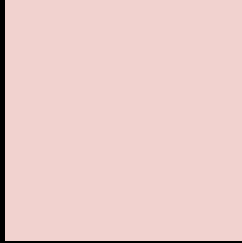
Large Text (above 18pt) WCAG AA × Fail

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 69.2990, 0.3384, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

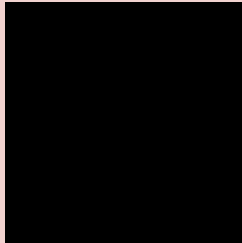
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2990, 0.3384, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 69.2990, 0.3384, 0.3323.

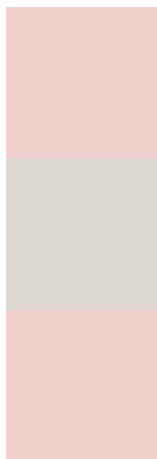


This preview shows how white text looks on a background with the Yxy color 69.2990, 0.3384, 0.3323.

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

69.2990, 0.3384, 0.3323

Protanopia

69.2945, 0.3212, 0.3356

Deuteranopia

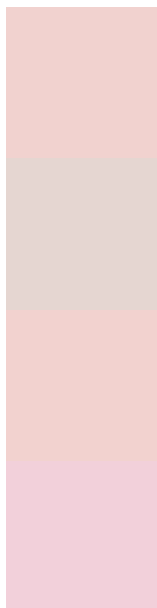
69.4754, 0.3392, 0.3323



Tritanopia

69.0622, 0.3279, 0.3114

Trichromacy



Original Color

69.2990, 0.3384, 0.3323

Protanomaly

69.3546, 0.3273, 0.3345

Deuteranomaly

69.4754, 0.3392, 0.3323

Tritanomaly

69.0510, 0.3314, 0.3186

Monochromacy



Original Color

69.2990, 0.3384, 0.3323

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3489, 0.3214, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2990, 0.3384, 0.3323 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(241, 210, 207)` looks like.

```
.text, #text, p{  
    color:rgb(241, 210, 207)  
}
```

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(241, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 210, 207) }
```

Border

The CSS property to change the border of an element to Yxy 69.2990, 0.3384, 0.3323 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(241, 210, 207) }
```

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

```
.border{ border-color:rgb(241, 210, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 210, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(241, 210,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2990, 0.3384, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 210, 207) }
```

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

```
.background{ background-color: rgb(241,  
210, 207) }
```

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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