

Converting Colors

Yxy(69.8187, 0.3368, 0.3269)

Have a look what the booklet for
Yxy(69.8187, 0.3368, 0.3269)
contains.

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Color

Yxy(69.9013, 0.3363, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F3D2D4
RGB	243, 210, 212
RGB Percent	95%, 82%, 83%
CMY	0.0471, 0.1764, 0.1687
CMYK	0.00, 0.14, 0.13, 0.05
HSL	356°, 58%, 89%
HSV	356°, 14%, 95%
XYZ	71.8893, 69.9013, 71.9748
YIQ	220.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

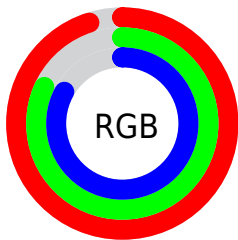
Format	Color
R _Y B	243, 210, 212
Decimal	15979220
CIE Lab	86.95, 11.82, 3.28
CIE LCh	87, 12.262, 15.491
Yxy	69.9013, 0.3363, 0.3270
Android (android.graphics.Color)	4294169300 (0xFFFF3D2D4)
YUV	220.0950, -3.9908, 20.0877
Hunter-Lab	83.6070, 7.1706, 7.4839

Details

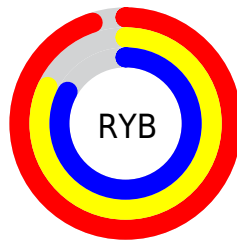
The Yxy color **69.9013, 0.3363, 0.3270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.1559, 0.2931, 0.3310**, and the grayscale version is **71.6592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4418, 0.3430, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **57.7295, 0.3589, 0.3254**, and if you desaturate by 10%, it is **84.0643, 0.3183, 0.3285**.

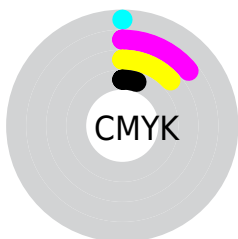
Distribution



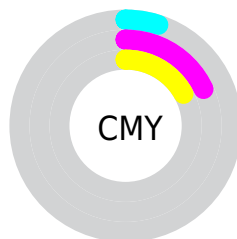
- Red (95%)
- Green (82%)
- Blue (83%)



- Red (95%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9013, 0.3363, 0.3270 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 69.9013, 0.3363, 0.3270 by changing the saturation by 10% instead.


 69.9013, 0.3363,
0.3270

 69.9013, 0.3363,
0.3270


460.2034, 0.3253,
0.3280

 51.4461, 0.3389,
0.3267


119.0680, 0.3324,
0.3274

 36.5637, 0.3420,
0.3264


150.5482, 0.3309,
0.3275

 24.8699, 0.3461,
0.3260


187.1390, 0.3297,
0.3276

 15.9801, 0.3515,
0.3254

229.2245, 0.3286,
0.3277

 9.5101, 0.3589,
0.3245

277.1894, 0.3276,
0.3278

 5.0754, 0.3697,
0.3231

331.4179, 0.3267,

 2.2916, 0.3873,

0.3279

392.2944, 0.3259,
0.3280

0.3206

0.7692, 0.4283,
0.3192

0.0000, 0.0000,
0.0000

69.9013, 0.3363,
0.3270

69.9013, 0.3363,
0.3270

57.7295, 0.3589,
0.3254

84.0643, 0.3183,
0.3285

47.4509, 0.3869,
0.3239

97.7944, 0.3054,
0.3290

38.9731, 0.4212,
0.3224

32.1924, 0.4618,
0.3213

■ 26.9946, 0.5074,
0.3209

■ 23.2513, 0.5540,
0.3214

■ 20.8141, 0.5953,
0.3232

■ 19.5031, 0.6244,
0.3259

■ 19.0875, 0.6354,
0.3274

Harmonies

Analogous

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



69.9013, 0.3240, 0.3149



69.9013, 0.3363, 0.3270



69.9013, 0.3422, 0.3398

Triad

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



69.9013, 0.3363, 0.3270



69.9013, 0.3160, 0.3529



69.9013, 0.2861, 0.3074

Complementary

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



69.9013, 0.3363, 0.3270



84.1559, 0.2931, 0.3310

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.



69.9013, 0.2842, 0.3170



69.9013, 0.3363, 0.3270



69.9013, 0.3012, 0.3437

Square

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



69.9013, 0.3363, 0.3270



69.9013, 0.3302, 0.3552



69.9013, 0.2896, 0.3304



69.9013, 0.2951, 0.3037

Rectangle

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



69.9013, 0.3363, 0.3270



69.9013, 0.3415, 0.3473



69.9013, 0.2896, 0.3304



69.9013, 0.2847, 0.3100

Sweetspot

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



69.9044, 0.3363, 0.3270



93.0614, 0.3190, 0.3284



71.2341, 0.3127, 0.2953



19.6486, 0.3202, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

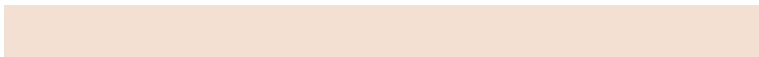
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9044, 0.3363, 0.3270



74.4452, 0.3414, 0.3266



77.1831, 0.3357, 0.3439



16.4985, 0.3284, 0.3276



10.4823, 0.6339, 0.3265



0.9268, 0.6186, 0.3181

Inverse Universe

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



69.9044, 0.3363, 0.3270



74.4452, 0.3414, 0.3266



76.0484, 0.2915, 0.3136



16.4985, 0.3284, 0.3276



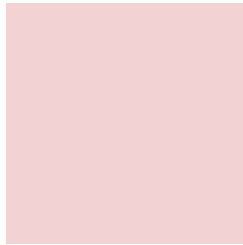
10.4823, 0.6339, 0.3265



0.9268, 0.6186, 0.3181

Previews

White Background



This preview shows how the Yxy color 69.9013, 0.3363, 0.3270 looks on a white background.

Color Contrast Check

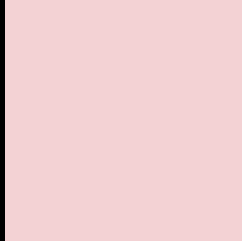
Large Text (above 18pt) WCAG AA × Fail

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 69.9013, 0.3363, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

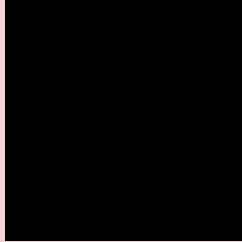
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9013, 0.3363, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 69.9013, 0.3363, 0.3270.

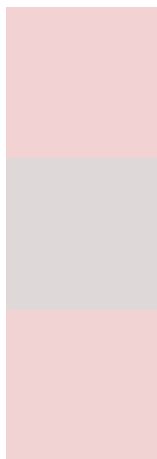


This preview shows how white text looks on a background with the Yxy color 69.9013, 0.3363, 0.3270.

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

69.9013, 0.3363, 0.3270

Protanopia

70.1132, 0.3170, 0.3301

Deuteranopia

70.0428, 0.3346, 0.3280



Tritanopia

69.9060, 0.3293, 0.3125

Trichromacy



Original Color

69.9013, 0.3363, 0.3270

Protanomaly

69.8224, 0.3238, 0.3280

Deuteranomaly

70.2192, 0.3354, 0.3280

Tritanomaly

70.0013, 0.3313, 0.3176

Monochromacy



Original Color

69.9013, 0.3363, 0.3270

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6155, 0.3208, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9013, 0.3363, 0.3270 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(243, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 212)  
}
```

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(243, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 212) }
```

Border

The CSS property to change the border of an element to Yxy 69.9013, 0.3363, 0.3270 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(243, 210, 212) }
```

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

```
.border{ border-color:rgb(243, 210, 212) }
```

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

Here you see how a box with a 4 pixel rgb(243, 210, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9013, 0.3363, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 212) }
```

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

```
.background{ background-color: rgb(243,  
210, 212) }
```

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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