

Converting Colors

Yxy(64.9623, 0.3437, 0.3270)

Have a look what the booklet for
Yxy(64.9623, 0.3437, 0.3270)
contains.

| | |
|---|----|
| Yxy(64.9623, 0.3437, 0.3270) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(64.9623, 0.3437, 0.3270)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2C9CB |
| RGB | 242, 201, 203 |
| RGB Percent | 95%, 79%, 80% |
| CMY | 0.0510, 0.2117, 0.2040 |
| CMYK | 0.00, 0.17, 0.16, 0.05 |
| HSL | 357°, 61%, 87% |
| HSV | 357°, 17%, 95% |
| XYZ | 68.2799, 64.9623, 65.4192 |
| YIQ | 213.4870, 23.7940, 9.3140 |

Conversions

Conversions Part 2

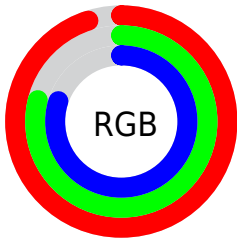
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 201, 203 |
| Decimal | 15911371 |
| CIE Lab | 84.46, 14.77, 4.45 |
| CIE LCh | 84, 15.425, 16.772 |
| Yxy | 64.9623, 0.3437, 0.3270 |
| Android (android.graphics.Color) | 4294101451 (0xFFFF2C9CB) |
| YUV | 213.4870, -5.1701, 25.0059 |
| Hunter-Lab | 80.5992, 10.1684, 8.2961 |

Details

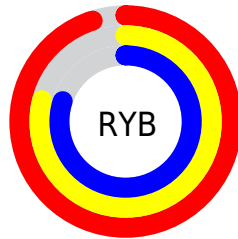
The Yxy color **64.9623, 0.3437, 0.3270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2152, 0.2882, 0.3310**, and the grayscale version is **66.9064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3517, 0.3509, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **53.5385, 0.3683, 0.3258**, and if you desaturate by 10%, it is **78.3326, 0.3240, 0.3282**.

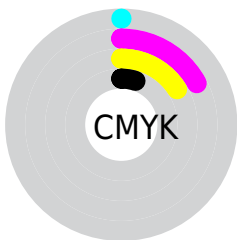
Distribution



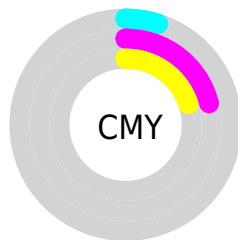
- Red (95%)
- Green (79%)
- Blue (80%)



- Red (95%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9623, 0.3437, 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 64.9623, 0.3437, 0.3270 by changing the saturation by 10% instead.


 64.9623, 0.3437,
0.3270

 64.9623, 0.3437,
0.3270


442.6565, 0.3290,
0.3281

 47.4305, 0.3472,
0.3267


111.9957, 0.3385,
0.3274

 33.3761, 0.3515,
0.3263


142.2660, 0.3365,
0.3276

 22.4147, 0.3571,
0.3258


177.5513, 0.3348,
0.3277

 14.1620, 0.3645,
0.3250

218.2360, 0.3333,
0.3278

 8.2334, 0.3749,
0.3239

264.7045, 0.3320,
0.3279

 4.2447, 0.3905,
0.3219

317.3412, 0.3309,

 1.8113, 0.4163,

0.3280

0.3181

376.5303, 0.3299,
0.3280

0.4942, 0.5352,
0.3186

0.0000, 0.0000,
0.0000

64.9623, 0.3437,
0.3270

64.9623, 0.3437,
0.3270

53.5385, 0.3683,
0.3258

78.3326, 0.3240,
0.3282

43.9623, 0.3988,
0.3245

93.7249, 0.3083,
0.3293

36.1393, 0.4357,
0.3235

97.6167, 0.3047,
0.3290

29.9632, 0.4788,
0.3228

■ 25.3162, 0.5257,
0.3227

■ 22.0652, 0.5714,
0.3236

■ 20.0538, 0.6089,
0.3253

■ 19.0834, 0.6321,
0.3277

■ 18.9022, 0.6365,
0.3280

Harmonies

Analogous

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



64.9623, 0.3280, 0.3116



64.9623, 0.3437, 0.3270



64.9623, 0.3509, 0.3434

Triad

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



64.9623, 0.3437, 0.3270



64.9623, 0.3160, 0.3597



64.9623, 0.2790, 0.3008

Complementary

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



64.9623, 0.3437, 0.3270



82.2152, 0.2882, 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.



64.9623, 0.2760, 0.3128



64.9623, 0.3437, 0.3270



64.9623, 0.2970, 0.3474

Square

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



64.9623, 0.3437, 0.3270



64.9623, 0.3345, 0.3630



64.9623, 0.2825, 0.3299



64.9623, 0.2907, 0.2966

Rectangle

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



64.9623, 0.3437, 0.3270



64.9623, 0.3497, 0.3529



64.9623, 0.2825, 0.3299



64.9623, 0.2769, 0.3040

Sweetspot

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



64.9652, 0.3437, 0.3270



91.3757, 0.3207, 0.3284



66.7050, 0.3132, 0.2868



19.3087, 0.3219, 0.3284



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.



64.9652, 0.3437, 0.3270



68.9232, 0.3508, 0.3266



73.9948, 0.3420, 0.3485



15.7711, 0.3286, 0.3279



10.1602, 0.6350, 0.3272



0.8495, 0.6220, 0.3200

Inverse Universe

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



64.9652, 0.3437, 0.3270



68.9232, 0.3508, 0.3266



71.9011, 0.2862, 0.3087



15.7711, 0.3286, 0.3279



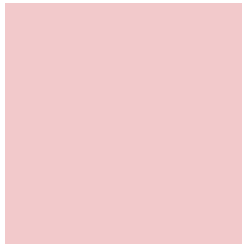
10.1602, 0.6350, 0.3272



0.8495, 0.6220, 0.3200

Previews

White Background



This preview shows how the Yxy color 64.9623, 0.3437, 0.3270 looks on a white background.

Color Contrast Check

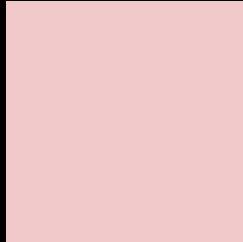
Large Text (above 18pt) WCAG AA × Fail

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 64.9623, 0.3437, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

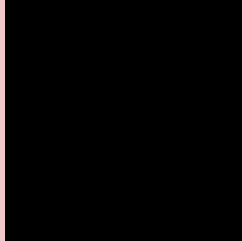
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9623, 0.3437, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 64.9623, 0.3437, 0.3270.



This preview shows how white text looks on a background with the Yxy color 64.9623, 0.3437, 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

64.9623, 0.3437, 0.3270

Protanopia

65.0943, 0.3178, 0.3313

Deuteranopia

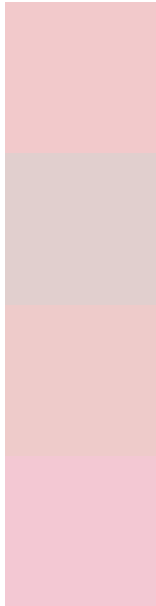
65.1122, 0.3384, 0.3312



Tritanopia

64.8078, 0.3355, 0.3122

Trichromacy



Original Color

64.9623, 0.3437, 0.3270

Protanomaly

65.0894, 0.3272, 0.3302

Deuteranomaly

65.1533, 0.3409, 0.3302

Tritanomaly

65.0664, 0.3385, 0.3174

Monochromacy



Original Color

64.9623, 0.3437, 0.3270

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.0517, 0.3240, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9623, 0.3437, 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(242, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 203)  
}
```

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, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 203) }
```

Border

The CSS property to change the border of an element to Yxy 64.9623, 0.3437, 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(242, 201, 203) }
```

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

```
.border{ border-color:rgb(242, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(242, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9623, 0.3437, 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(242, 201, 203) }
```

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

```
.background{ background-color: rgb(242,  
201, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor