

Converting Colors

Yxy(65.6940, 0.3363, 0.3158)

Have a look what the booklet for
Yxy(65.6940, 0.3363, 0.3158)
contains.

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Color

Yxy(65.6830, 0.3360, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	F3C9D6
RGB	243, 201, 214
RGB Percent	95%, 79%, 84%
CMY	0.0472, 0.2117, 0.1608
CMYK	0.00, 0.17, 0.12, 0.05
HSL	341°, 64%, 87%
HSV	341°, 17%, 95%
XYZ	69.9730, 65.6830, 72.5970
YIQ	215.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

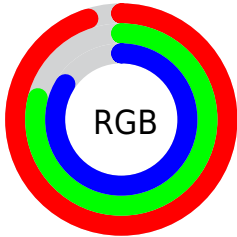
Format	Color
R _Y B	243, 201, 214
Decimal	15976918
CIE Lab	84.83, 16.84, -0.87
CIE LCh	85, 16.867, 357.042
Yxy	65.6830, 0.3360, 0.3154
Android (android.graphics.Color)	4294166998 (0xFFFF3C9D6)
YUV	215.0400, -0.5127, 24.5209
Hunter-Lab	81.0450, 12.2852, 3.6219

Details

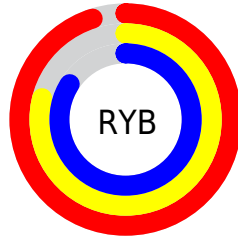
The Yxy color $65.6830, 0.3360, 0.3154$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $82.2085, 0.2938, 0.3431$, and the grayscale version is $67.9754, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.8097, 0.3416, 0.3127$ is the 20% darker color. If you saturate the color by 10%, you get $54.4245, 0.3538, 0.3070$, and if you desaturate by 10%, it is $78.8272, 0.3215, 0.3235$.

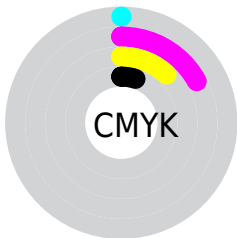
Distribution



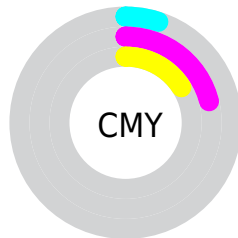
- Red (95%)
- Green (79%)
- Blue (84%)



- Red (95%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6830, 0.3360, 0.3154 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 65.6830, 0.3360, 0.3154 by changing the saturation by 10% instead.


 65.6830, 0.3360,
0.3154

 65.6830, 0.3360,
0.3154

445.2423, 0.3250,
0.3218

 48.0151, 0.3386,
0.3139

113.0312, 0.3322,
0.3176

 33.8389, 0.3417,
0.3121


143.4804, 0.3307,
0.3185

 22.7698, 0.3458,
0.3097


178.9587, 0.3294,
0.3192

 14.4236, 0.3512,
0.3066

219.8507, 0.3283,
0.3199

 8.4159, 0.3588,
0.3022

266.5406, 0.3273,
0.3205

 4.3622, 0.3699,
0.2959

319.4129, 0.3265,

 1.8782, 0.3881,

0.3210

0.2855

378.8520, 0.3257,
0.3214

0.5352, 0.4390,
0.2547

0.0000, 0.0000,
0.0000

65.6830, 0.3360,
0.3154

65.6830, 0.3360,
0.3154

54.4245, 0.3538,
0.3070

78.8272, 0.3215,
0.3235

44.9564, 0.3754,
0.2986

93.9295, 0.3097,
0.3310

37.1880, 0.4013,
0.2906

97.7868, 0.3053,
0.3290

31.0173, 0.4317,
0.2841

■ 26.3311, 0.4658,
0.2799

■ 23.0013, 0.5022,
0.2795

■ 20.8778, 0.5378,
0.2838

■ 19.7660, 0.5694,
0.2927

■ 19.5560, 0.5773,
0.2954

Harmonies

Analogous

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



65.6830, 0.3155, 0.3015



65.6830, 0.3360, 0.3154



65.6830, 0.3504, 0.3329

Triad

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



65.6830, 0.3360, 0.3154



65.6830, 0.3299, 0.3661



65.6830, 0.2728, 0.3060

Complementary

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



65.6830, 0.3360, 0.3154



82.2085, 0.2938, 0.3431

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.



65.6830, 0.2764, 0.3231



65.6830, 0.3360, 0.3154



65.6830, 0.3089, 0.3589

Square

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



65.6830, 0.3360, 0.3154



65.6830, 0.3467, 0.3626



65.6830, 0.2894, 0.3428



65.6830, 0.2794, 0.2957

Rectangle

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



65.6830, 0.3360, 0.3154



65.6830, 0.3543, 0.3447



65.6830, 0.2894, 0.3428



65.6830, 0.2728, 0.3111

Sweetspot

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



65.6859, 0.3360, 0.3154



91.5787, 0.3186, 0.3252



65.0230, 0.3049, 0.2849



19.3579, 0.3195, 0.3247



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

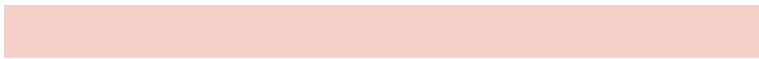
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6859, 0.3360, 0.3154



68.3054, 0.3423, 0.3122



68.7248, 0.3446, 0.3372



16.5669, 0.3245, 0.3217



10.7587, 0.5732, 0.2931



0.9632, 0.5378, 0.2736

Inverse Universe

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



65.6859, 0.3360, 0.3154



68.3054, 0.3423, 0.3122



78.4598, 0.2862, 0.3206



16.5669, 0.3245, 0.3217



10.7587, 0.5732, 0.2931



0.9632, 0.5378, 0.2736

Previews

White Background



This preview shows how the Yxy color 65.6830, 0.3360, 0.3154 looks on a white background.

Color Contrast Check

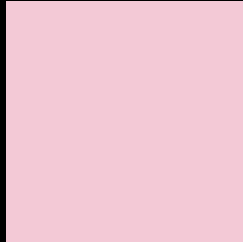
Large Text (above 18pt) WCAG AA × Fail

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 65.6830, 0.3360, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

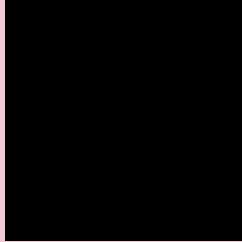
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6830, 0.3360, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 65.6830, 0.3360, 0.3154.



This preview shows how white text looks on a background with the Yxy color 65.6830, 0.3360, 0.3154.

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





Tritanopia

65.7858, 0.3345, 0.3133

Trichromacy



Original Color

65.6830, 0.3360, 0.3154

Protanomaly

65.6952, 0.3186, 0.3170

Deuteranomaly

65.8227, 0.3309, 0.3194

Tritanomaly

65.7343, 0.3353, 0.3143

Monochromacy



Original Color

65.6830, 0.3360, 0.3154

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0070, 0.3204, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6830, 0.3360, 0.3154 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, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 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(243, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.6830, 0.3360, 0.3154 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, 201, 214) }
```

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

```
.border{ border-color:rgb(243, 201, 214) }
```

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

Here you see how a box with a 4 pixel rgb(243, 201, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 201,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6830, 0.3360, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 214) }
```

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

```
.background{ background-color: rgb(243,  
201, 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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