

Converting Colors

Yxy(63.1105, 0.3347, 0.3029)

Have a look what the booklet for
Yxy(63.1105, 0.3347, 0.3029)
contains.

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Color

Yxy(63.1105, 0.3347, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	F5C2DB
RGB	245, 194, 219
RGB Percent	96%, 76%, 86%
CMY	0.0391, 0.2392, 0.1413
CMYK	0.00, 0.21, 0.11, 0.04
HSL	331°, 72%, 86%
HSV	331°, 21%, 96%
XYZ	69.7362, 63.1105, 75.5076
YIQ	212.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

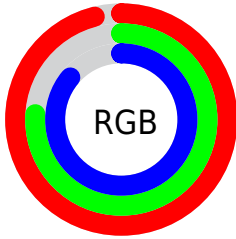
Format	Color
RYP	245, 194, 219
Decimal	16106203
CIE Lab	83.50, 22.08, -5.47
CIE LCh	84, 22.752, 346.077
Yxy	63.1105, 0.3347, 0.3029
Android (android.graphics.Color)	4294296283 (0xFFF5C2DB)
YUV	212.0990, 3.4022, 28.8542
Hunter-Lab	79.4421, 17.6678, -0.7441

Details

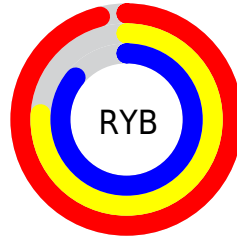
The Yxy color $63.1105, 0.3347, 0.3029$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.9551, 0.2952, 0.3567$, and the grayscale version is $65.8752, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $32.1279, 0.3399, 0.2966$ is the 20% darker color. If you saturate the color by 10%, you get $52.4572, 0.3487, 0.2897$, and if you desaturate by 10%, it is $75.6170, 0.3231, 0.3158$.

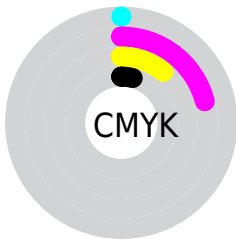
Distribution



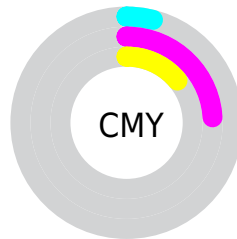
- Red (96%)
- Green (76%)
- Blue (86%)



- Red (96%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1105, 0.3347, 0.3029 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 63.1105, 0.3347, 0.3029 by changing the saturation by 10% instead.


 63.1105, 0.3347,
0.3029

 63.1105, 0.3347,
0.3029


435.9704, 0.3244,
0.3150

 45.9306, 0.3371,
0.3001


 109.3289, 0.3311,
0.3071

 32.1911, 0.3401,
0.2967


139.1362, 0.3297,
0.3088

 21.5075, 0.3439,
0.2923


173.9215, 0.3285,
0.3102

 13.4955, 0.3489,
0.2865

214.0690, 0.3275,
0.3114

 7.7706, 0.3558,
0.2786

259.9633, 0.3266,
0.3125

 3.9485, 0.3661,
0.2671


311.9887, 0.3257,

 1.6448, 0.3826,


0.3134


0.2490

370.5296, 0.3250,
0.3143


 0.3875, 0.4326,
0.1844


 0.0000, 0.0000,
0.0000


 63.1105, 0.3347,
0.3029


 63.1105, 0.3347,
0.3029


 52.4572, 0.3487,
0.2897


 75.6170, 0.3231,
0.3158

 43.5594, 0.3653,
0.2766

 90.0512, 0.3134,
0.3280

 36.3234, 0.3846,
0.2645

 98.1558, 0.3066,
0.3290

 30.6432, 0.4067,
0.2543

■ 26.4005, 0.4309,
0.2474

■ 23.4598, 0.4565,
0.2450

■ 21.6589, 0.4819,
0.2480

■ 20.7707, 0.5042,
0.2551

Harmonies

Analogous

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



63.1105, 0.3055, 0.2872



63.1105, 0.3347, 0.3029



63.1105, 0.3586, 0.3250

Triad

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



63.1105, 0.3347, 0.3029



63.1105, 0.3454, 0.3799



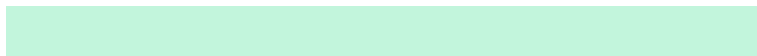
63.1105, 0.2589, 0.3048

Complementary

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



63.1105, 0.3347, 0.3029



81.9551, 0.2952, 0.3567

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.



63.1105, 0.2685, 0.3305



63.1105, 0.3347, 0.3029



63.1105, 0.3178, 0.3758

Square

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



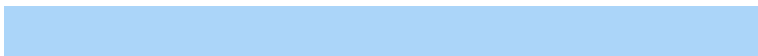
63.1105, 0.3347, 0.3029



63.1105, 0.3647, 0.3693



63.1105, 0.2898, 0.3573



63.1105, 0.2628, 0.2873

Rectangle

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



63.1105, 0.3347, 0.3029



63.1105, 0.3678, 0.3412



63.1105, 0.2898, 0.3573



63.1105, 0.2606, 0.3127

Sweetspot

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



63.1133, 0.3347, 0.3029



90.1308, 0.3182, 0.3218



60.3172, 0.2960, 0.2741



19.0719, 0.3188, 0.3210



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.



63.1133, 0.3347, 0.3029



63.9294, 0.3403, 0.2973



61.8951, 0.3546, 0.3291



16.6178, 0.3217, 0.3175



11.2155, 0.5005, 0.2531



1.0064, 0.4719, 0.2374

Inverse Universe

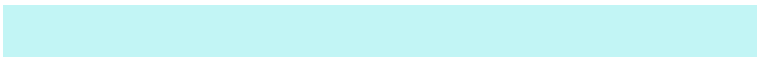
The Inverse Universe completely reimagines the original color for something new.



63.1133, 0.3347, 0.3029



63.9294, 0.3403, 0.2973



83.3792, 0.2816, 0.3289



16.6178, 0.3217, 0.3175



11.2155, 0.5005, 0.2531



1.0064, 0.4719, 0.2374

Previews

White Background



This preview shows how the Yxy color 63.1105, 0.3347, 0.3029 looks on a white background.

Color Contrast Check

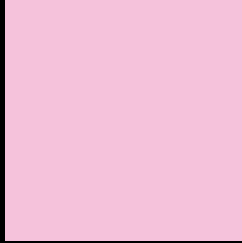
Large Text (above 18pt) WCAG AA × Fail

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 63.1105, 0.3347, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

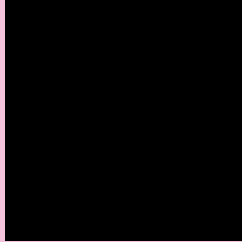
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1105, 0.3347, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 63.1105, 0.3347, 0.3029.



This preview shows how white text looks on a background with the Yxy color 63.1105, 0.3347, 0.3029.

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

63.1105, 0.3347, 0.3029

Protanopia

63.4371, 0.2991, 0.3065

Deuteranopia

63.0981, 0.3189, 0.3125



Tritanopia

62.9665, 0.3400, 0.3122

Trichromacy



Original Color

63.1105, 0.3347, 0.3029

Protanomaly

62.9950, 0.3116, 0.3048

Deuteranomaly

63.0646, 0.3246, 0.3085

Tritanomaly

63.1183, 0.3376, 0.3090

Monochromacy



Original Color

63.1105, 0.3347, 0.3029

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.4162, 0.3201, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1105, 0.3347, 0.3029 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(245, 194, 219)` looks like.

```
.text, #text, p{  
    color:rgb(245, 194, 219)  
}
```

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(245, 194, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 194, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.1105, 0.3347, 0.3029 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(245, 194, 219) }
```

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

```
.border{ border-color:rgb(245, 194, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 194, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 194, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 194, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 194,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1105, 0.3347, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 194, 219) }
```

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

```
.background{ background-color: rgb(245,  
194, 219) }
```

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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