

Converting Colors

$Yxy(63.2071, 0.3351, 0.2942)$

Have a look what the booklet for
Yxy(63.2071, 0.3351, 0.2942)
contains.

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Color

Yxy(63.2071, 0.3351, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	FBBFE1
RGB	251, 191, 225
RGB Percent	98%, 75%, 88%
CMY	0.0158, 0.2509, 0.1176
CMYK	0.00, 0.24, 0.10, 0.02
HSL	326°, 88%, 87%
HSV	326°, 24%, 98%
XYZ	71.9942, 63.2071, 79.6427
YIQ	212.8160, 24.8460, 23.2940

Conversions

Conversions Part 2

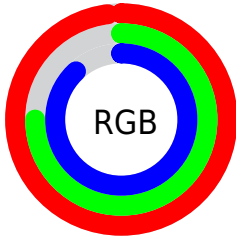
Format	Color
R _Y B	251, 191, 225
Decimal	16498657
CIE Lab	83.55, 26.68, -8.56
CIE LCh	84, 28.021, 342.209
Yxy	63.2071, 0.3351, 0.2942
Android (android.graphics.Color)	4294688737 (0xFFFBFFE1)
YUV	212.8160, 6.0067, 33.4874
Hunter-Lab	79.5029, 22.5115, -3.7422

Details

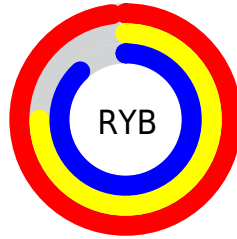
The Yxy color $63.2071, 0.3351, 0.2942$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.0566, 0.2953, 0.3666$, and the grayscale version is $66.3574, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $32.2629, 0.3404, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $52.6098, 0.3476, 0.2790$, and if you desaturate by 10%, it is $75.7232, 0.3245, 0.3092$.

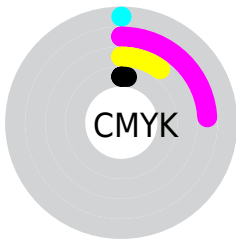
Distribution



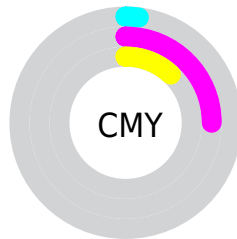
- Red (98%)
- Green (75%)
- Blue (88%)



- Red (98%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2071, 0.3351, 0.2942 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 63.2071, 0.3351, 0.2942 by changing the saturation by 10% instead.

 63.2071, 0.3351,
0.2942

 63.2071, 0.3351,
0.2942

436.3207, 0.3247,
0.3102

 46.0088, 0.3375,
0.2906


 109.4682, 0.3315,
0.2998

 32.2527, 0.3404,
0.2861


139.2998, 0.3301,
0.3019

 21.5546, 0.3442,
0.2804


174.1113, 0.3289,
0.3038

 13.5300, 0.3491,
0.2730

214.2871, 0.3278,
0.3054

 7.7945, 0.3558,
0.2629

260.2115, 0.3269,
0.3068

 3.9637, 0.3655,
0.2486

312.2690, 0.3261,

 1.6533, 0.3807,

0.3081

0.2264

370.8439, 0.3254,
0.3092

0.3931, 0.4222,
0.1598

0.0000, 0.0000,
0.0000

63.2071, 0.3351,
0.2942

63.2071, 0.3351,
0.2942

52.6098, 0.3476,
0.2790

75.7232, 0.3245,
0.3092

43.8265, 0.3622,
0.2642

90.2390, 0.3157,
0.3236

36.7552, 0.3790,
0.2508

99.2416, 0.3102,
0.3290

31.2806, 0.3976,
0.2398

■ 27.2726, 0.4177,
0.2325

■ 24.5807, 0.4385,
0.2300

■ 23.0211, 0.4589,
0.2329

■ 22.4632, 0.4711,
0.2369

Harmonies

Analogous

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



63.2071, 0.2991, 0.2767



63.2071, 0.3351, 0.2942



63.2071, 0.3663, 0.3201

Triad

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



63.2071, 0.3351, 0.2942



63.2071, 0.3564, 0.3909



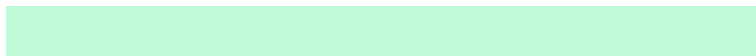
63.2071, 0.2477, 0.3024

Complementary

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



63.2071, 0.3351, 0.2942



85.0566, 0.2953, 0.3666

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.



63.2071, 0.2612, 0.3350



63.2071, 0.3351, 0.2942



63.2071, 0.3232, 0.3890

Square

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



63.2071, 0.3351, 0.2942



63.2071, 0.3785, 0.3753



63.2071, 0.2885, 0.3679



63.2071, 0.2503, 0.2798

Rectangle

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



63.2071, 0.3351, 0.2942



63.2071, 0.3792, 0.3395



63.2071, 0.2885, 0.3679



63.2071, 0.2505, 0.3125

Sweetspot

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



63.2099, 0.3351, 0.2942



88.6474, 0.3183, 0.3192



58.8327, 0.2894, 0.2645



18.7753, 0.3188, 0.3183



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.



63.2099, 0.3351, 0.2942



59.6546, 0.3413, 0.2864



61.7598, 0.3586, 0.3239



17.3901, 0.3205, 0.3156



11.8418, 0.4680, 0.2352



1.1180, 0.4455, 0.2228

Inverse Universe

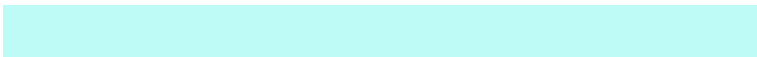
The Inverse Universe completely reimagines the original color for something new.



63.2099, 0.3351, 0.2942



59.6546, 0.3413, 0.2864



86.6997, 0.2799, 0.3343



17.3901, 0.3205, 0.3156



11.8418, 0.4680, 0.2352



1.1180, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 63.2071, 0.3351, 0.2942 looks on a white background.

Color Contrast Check

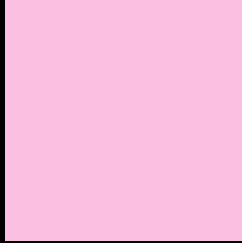
Large Text (above 18pt) WCAG AA × Fail

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 63.2071, 0.3351, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

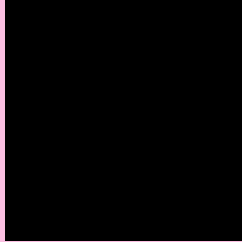
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2071, 0.3351, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 63.2071, 0.3351, 0.2942.



This preview shows how white text looks on a background with the Yxy color 63.2071, 0.3351, 0.2942.

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

63.2071, 0.3351, 0.2942

Protanopia

63.4612, 0.2917, 0.2976

Deuteranopia

63.5692, 0.3130, 0.3070



Tritanopia

63.3268, 0.3458, 0.3134

Trichromacy



Original Color

63.2071, 0.3351, 0.2942

Protanomaly

62.9150, 0.3067, 0.2963

Deuteranomaly

63.5523, 0.3209, 0.3022

Tritanomaly

63.3702, 0.3420, 0.3063

Monochromacy



Original Color

63.2071, 0.3351, 0.2942

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.0033, 0.3209, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2071, 0.3351, 0.2942 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(251, 191, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 191, 225)  
}
```

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(251, 191, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 191, 225) }
```

Border

The CSS property to change the border of an element to Yxy 63.2071, 0.3351, 0.2942 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(251, 191, 225) }
```

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

```
.border{ border-color:rgb(251, 191, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 191, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 191, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 191, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 191,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2071, 0.3351, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 191, 225) }
```

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

```
.background{ background-color: rgb(251,  
191, 225) }
```

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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