

Converting Colors

Yxy(61.9650, 0.3335, 0.2934)

Have a look what the booklet for
Yxy(61.9650, 0.3335, 0.2934)
contains.

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Color

Yxy(62.1652, 0.3336, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	F8BEE0
RGB	248, 190, 224
RGB Percent	97%, 75%, 88%
CMY	0.0277, 0.2548, 0.1216
CMYK	0.00, 0.23, 0.10, 0.03
HSL	325°, 80%, 86%
HSV	325°, 23%, 97%
XYZ	70.5625, 62.1652, 78.7905
YIQ	211.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

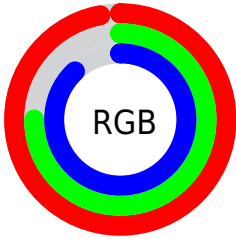
Format	Color
R _Y B	248, 190, 224
Decimal	16301792
CIE Lab	83.00, 26.01, -8.86
CIE LCh	83, 27.479, 341.180
Yxy	62.1652, 0.3336, 0.2939
Android (android.graphics.Color)	4294491872 (0xFFFF8BEE0)
YUV	211.2180, 6.3015, 32.2578
Hunter-Lab	78.8449, 21.7705, -4.0577

Details

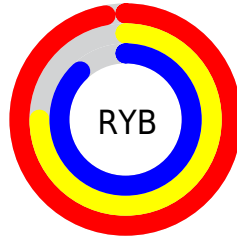
The Yxy color $62.1652, 0.3336, 0.2939$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.9054, 0.2963, 0.3670$, and the grayscale version is $65.2381, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $31.5493, 0.3385, 0.2851$ is the 20% darker color. If you saturate the color by 10%, you get $51.7834, 0.3454, 0.2782$, and if you desaturate by 10%, it is $74.4131, 0.3236, 0.3094$.

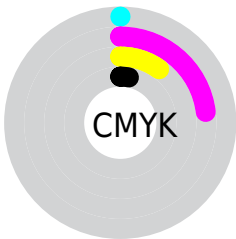
Distribution



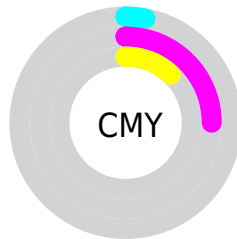
- Red (97%)
- Green (75%)
- Blue (88%)



- Red (97%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1652, 0.3336, 0.2939 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 62.1652, 0.3336, 0.2939 by changing the saturation by 10% instead.

 62.1652, 0.3336,
0.2939

 62.1652, 0.3336,
0.2939

432.5334, 0.3239,
0.3101

 45.1662, 0.3358,
0.2902


 107.9643, 0.3302,
0.2995

 31.5884, 0.3386,
0.2856


137.5331, 0.3289,
0.3017

 21.0473, 0.3421,
0.2799


172.0607, 0.3278,
0.3036

 13.1586, 0.3467,
0.2723

211.9314, 0.3268,
0.3052

 7.5378, 0.3529,
0.2621

257.5296, 0.3260,
0.3067

 3.8007, 0.3620,
0.2474


309.2398, 0.3252,

 1.5627, 0.3764,


0.3080


0.2246

367.4462, 0.3245,
0.3091


 0.3323, 0.4210,
0.1464


 0.0000, 0.0000,
0.0000


 62.1652, 0.3336,
0.2939


 62.1652, 0.3336,
0.2939


 51.7834, 0.3454,
0.2782


 74.4131, 0.3236,
0.3094


 43.1665, 0.3592,
0.2630

 88.6053, 0.3152,
0.3242

 36.2160, 0.3750,
0.2490

 98.6704, 0.3085,
0.3292

 30.8206, 0.3926,
0.2374

 98.6860, 0.3084,
0.3290

■ 26.8552, 0.4115,
0.2294

■ 24.1749, 0.4310,
0.2262

■ 22.6039, 0.4503,
0.2284

■ 22.0019, 0.4628,
0.2323

Harmonies

Analogous

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



62.1652, 0.2981, 0.2769



62.1652, 0.3336, 0.2939



62.1652, 0.3647, 0.3193

Triad

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



62.1652, 0.3336, 0.2939



62.1652, 0.3568, 0.3898



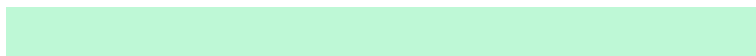
62.1652, 0.2487, 0.3038

Complementary

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



62.1652, 0.3336, 0.2939



82.9054, 0.2963, 0.3670

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.



62.1652, 0.2626, 0.3361



62.1652, 0.3336, 0.2939



62.1652, 0.3243, 0.3885

Square

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



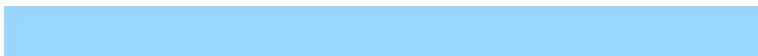
62.1652, 0.3336, 0.2939



62.1652, 0.3781, 0.3740



62.1652, 0.2899, 0.3683



62.1652, 0.2508, 0.2810

Rectangle

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



62.1652, 0.3336, 0.2939



62.1652, 0.3778, 0.3384



62.1652, 0.2899, 0.3683



62.1652, 0.2517, 0.3138

Sweetspot

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



62.1680, 0.3336, 0.2939



88.6688, 0.3181, 0.3189



57.7902, 0.2893, 0.2660



18.7802, 0.3186, 0.3180



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.



62.1680, 0.3336, 0.2939



60.8366, 0.3389, 0.2866



60.7644, 0.3564, 0.3230



17.3960, 0.3202, 0.3152



11.9202, 0.4599, 0.2307



1.1251, 0.4387, 0.2190

Inverse Universe

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



62.1680, 0.3336, 0.2939



60.8366, 0.3389, 0.2866



84.4709, 0.2811, 0.3352



17.3960, 0.3202, 0.3152



11.9202, 0.4599, 0.2307



1.1251, 0.4387, 0.2190

Previews

White Background



This preview shows how the Yxy color 62.1652, 0.3336, 0.2939 looks on a white background.

Color Contrast Check

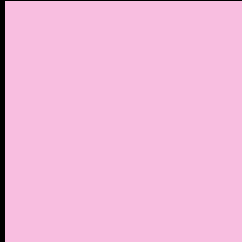
Large Text (above 18pt) WCAG AA × Fail

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 62.1652, 0.3336, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

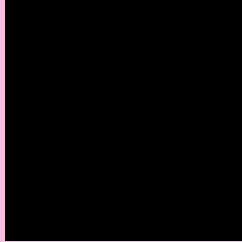
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1652, 0.3336, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 62.1652, 0.3336, 0.2939.



This preview shows how white text looks on a background with the Yxy color 62.1652, 0.3336, 0.2939.

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

62.1652, 0.3336, 0.2939

Protanopia

62.2997, 0.2916, 0.2963

Deuteranopia

62.2629, 0.3123, 0.3058



Tritanopia

62.2868, 0.3443, 0.3133

Trichromacy



Original Color

62.1652, 0.3336, 0.2939

Protanomaly

62.0818, 0.3059, 0.2961

Deuteranomaly

62.0832, 0.3195, 0.3009

Tritanomaly

62.3285, 0.3405, 0.3060

Monochromacy



Original Color

62.1652, 0.3336, 0.2939

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.5170, 0.3195, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1652, 0.3336, 0.2939 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(248, 190, 224)` looks like.

```
.text, #text, p{  
    color:rgb(248, 190, 224)  
}
```

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(248, 190, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 190, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.1652, 0.3336, 0.2939 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(248, 190, 224) }
```

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

```
.border{ border-color:rgb(248, 190, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 190, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 190, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 190, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 190,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1652, 0.3336, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 190, 224) }
```

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

```
.background{ background-color: rgb(248,  
190, 224) }
```

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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