

Converting Colors

Yxy(63.1346, 0.3152, 0.2769)

Have a look what the booklet for
Yxy(63.1346, 0.3152, 0.2769)
contains.

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Color

Yxy(63.2250, 0.3152, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	F3C0F3
RGB	243, 192, 243
RGB Percent	95%, 75%, 95%
CMY	0.0469, 0.2471, 0.0471
CMYK	0.00, 0.21, 0.00, 0.05
HSL	300°, 68%, 85%
HSV	300°, 21%, 95%
XYZ	71.9961, 63.2250, 93.1929
YIQ	213.0630, 14.0250, 26.6730

Conversions

Conversions Part 2

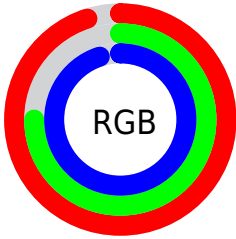
Format	Color
RYB	243, 192, 243
Decimal	15974643
CIELab	83.56, 26.64, -18.23
CIELCh	84, 32.287, 325.613
Yxy	63.2250, 0.3152, 0.2768
Android (android.graphics.Color)	4294164723 (0xFFFF3C0F3)
YUV	213.0630, 14.7589, 26.2547
Hunter-Lab	79.5141, 22.4731, -13.8297

Details

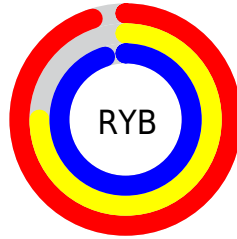
The Yxy color $63.2250, 0.3152, 0.2768$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $79.1346, 0.3099, 0.3874$, and the grayscale version is $66.4792, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $32.2039, 0.3147, 0.2646$ is the 20% darker color. If you saturate the color by 10%, you get $53.4210, 0.3164, 0.2519$, and if you desaturate by 10%, it is $74.7967, 0.3140, 0.3019$.

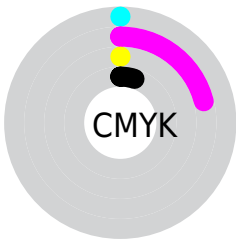
Distribution



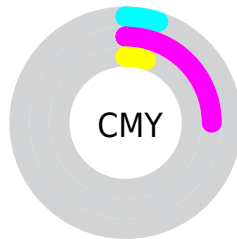
- Red (95%)
- Green (75%)
- Blue (95%)



- Red (95%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2250, 0.3152, 0.2768 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 63.2250, 0.3152, 0.2768 by changing the saturation by 10% instead.

 63.2250, 0.3152,
0.2768

 63.2250, 0.3152,
0.2768


436.3856, 0.3145,
0.3005

 46.0233, 0.3153,
0.2715


 109.4941, 0.3150,
0.2849

 32.2642, 0.3153,
0.2650


139.3302, 0.3149,
0.2881

 21.5634, 0.3153,
0.2569


174.1465, 0.3148,
0.2909

 13.5364, 0.3151,
0.2465

214.3275, 0.3148,
0.2933

 7.7990, 0.3147,
0.2327

260.2575, 0.3147,
0.2954

 3.9666, 0.3136,
0.2134


312.3209, 0.3146,


 1.6549, 0.3108,


0.2973


0.1850


370.9021, 0.3145,
0.2990

 0.3942, 0.3108,
0.1179


 0.0000, 0.0000,
0.0000


 63.2250, 0.3152,
0.2768


 63.2250, 0.3152,
0.2768


 53.4210, 0.3164,
0.2519


 74.7967, 0.3140,
0.3019


 45.2899, 0.3175,
0.2282


 88.2082, 0.3128,
0.3266

 38.7408, 0.3186,
0.2066


 97.0549, 0.3122,
0.3407


 33.6708, 0.3195,
0.1880

 97.0562, 0.3121,
0.3407

 29.9648, 0.3202,
0.1733


 97.0576, 0.3121,
0.3407


 27.4908, 0.3207,
0.1629


 97.0589, 0.3121,
0.3407

 26.0908, 0.3210,
0.1568

 97.0602, 0.3121,
0.3406

 25.5207, 0.3211,
0.1543

 97.0615, 0.3121,
0.3406

 97.0628, 0.3121,
0.3406

Harmonies

Analogous

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



63.2250, 0.2762, 0.2640



63.2250, 0.3152, 0.2768



63.2250, 0.3560, 0.3014

Triad

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



63.2250, 0.3152, 0.2768



63.2250, 0.3791, 0.3920



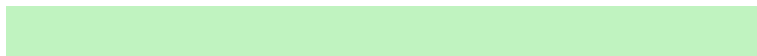
63.2250, 0.2447, 0.3178

Complementary

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



63.2250, 0.3152, 0.2768



79.1346, 0.3099, 0.3874

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.



63.2250, 0.2692, 0.3578



63.2250, 0.3152, 0.2768



63.2250, 0.3465, 0.4025

Square

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



63.2250, 0.3152, 0.2768



63.2250, 0.3940, 0.3659



63.2250, 0.3061, 0.3904



63.2250, 0.2375, 0.2847

Rectangle

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



63.2250, 0.3152, 0.2768



63.2250, 0.3777, 0.3222



63.2250, 0.3061, 0.3904



63.2250, 0.2511, 0.3310

Sweetspot

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



63.2278, 0.3152, 0.2768



90.6228, 0.3134, 0.3143



55.3755, 0.2774, 0.2706



19.1884, 0.3135, 0.3127



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.



63.2278, 0.3152, 0.2768



65.8471, 0.3157, 0.2666



61.7939, 0.3345, 0.3021



16.7681, 0.3138, 0.3057



14.0024, 0.3211, 0.1543



1.2308, 0.3211, 0.1543

Inverse Universe

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



63.2278, 0.3152, 0.2768



65.8471, 0.3157, 0.2666



80.3636, 0.2954, 0.3576



16.7681, 0.3138, 0.3057



14.0024, 0.3211, 0.1543



1.2308, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 63.2250, 0.3152, 0.2768 looks on a white background.

Color Contrast Check

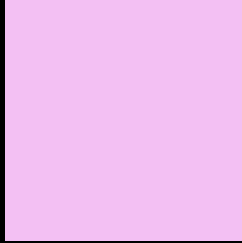
Large Text (above 18pt) WCAG AA × Fail

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 63.2250, 0.3152, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

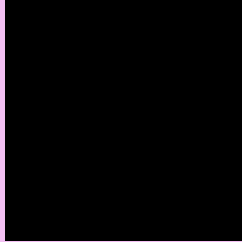
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2250, 0.3152, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 63.2250, 0.3152, 0.2768.



This preview shows how white text looks on a background with the Yxy color 63.2250, 0.3152, 0.2768.

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

63.2250, 0.3152, 0.2768

Protanopia

63.7233, 0.2766, 0.2783

Deuteranopia

63.2089, 0.2941, 0.2875



Tritanopia

63.0873, 0.3341, 0.3120

Trichromacy



Original Color

63.2250, 0.3152, 0.2768



Protanomaly

63.3768, 0.2896, 0.2783



Deuteranomaly

63.1049, 0.3014, 0.2831



Tritanomaly

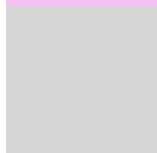
62.9373, 0.3267, 0.2985

Monochromacy



Original Color

63.2250, 0.3152, 0.2768



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.8918, 0.3137, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2250, 0.3152, 0.2768 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, 192, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 192, 243)  
}
```

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, 192, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 192, 243) }
```

Border

The CSS property to change the border of an element to Yxy 63.2250, 0.3152, 0.2768 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, 192, 243) }
```

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

```
.border{ border-color:rgb(243, 192, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 192, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 192, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 192, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 192,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2250, 0.3152, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 192, 243) }
```

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

```
.background{ background-color: rgb(243,  
192, 243) }
```

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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