

Converting Colors

Yxy(63.1692, 0.3247, 0.2964)

Have a look what the booklet for
Yxy(63.1692, 0.3247, 0.2964)
contains.

Yxy(63.0465, 0.3252, 0.2964)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.0465, 0.3252, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	F0C3E2
RGB	240, 195, 226
RGB Percent	94%, 76%, 89%
CMY	0.0589, 0.2352, 0.1136
CMYK	0.00, 0.19, 0.06, 0.06
HSL	319°, 60%, 85%
HSV	319°, 19%, 94%
XYZ	69.1725, 63.0465, 80.4885
YIQ	211.9890, 16.8690, 19.1810

Conversions

Conversions Part 2

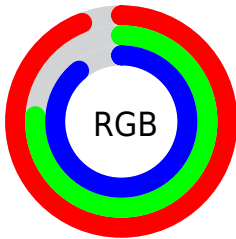
Format	Color
R _Y B	240, 195, 226
Decimal	15778786
CIE Lab	83.47, 21.01, -9.34
CIE LCh	83, 22.994, 336.027
Yxy	63.0465, 0.3252, 0.2964
Android (android.graphics.Color)	4293968866 (0xFFFF0C3E2)
YUV	211.9890, 6.9074, 24.5656
Hunter-Lab	79.4018, 16.5506, -4.5202

Details

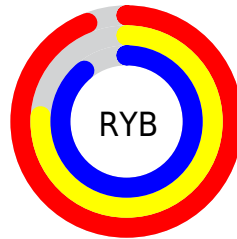
The Yxy color **63.0465, 0.3252, 0.2964** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.5096, 0.3021, 0.3640**, and the grayscale version is **65.7763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **32.1804, 0.3282, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **52.7448, 0.3336, 0.2783**, and if you desaturate by 10%, it is **75.0996, 0.3181, 0.3141**.

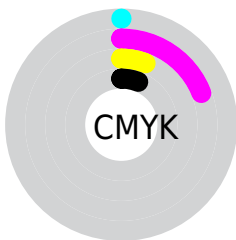
Distribution



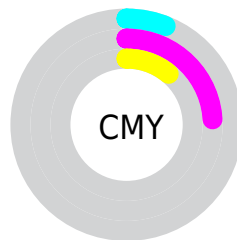
- Red (94%)
- Green (76%)
- Blue (89%)



- Red (94%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0465, 0.3252, 0.2964 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 63.0465, 0.3252, 0.2964 by changing the saturation by 10% instead.


 63.0465, 0.3252,
0.2964

 63.0465, 0.3252,
0.2964

435.7382, 0.3195,
0.3115

 45.8788, 0.3265,
0.2930

 109.2366, 0.3232,
0.3016

 32.1502, 0.3281,
0.2887

139.0278, 0.3225,
0.3036

 21.4763, 0.3301,
0.2834


173.7957, 0.3218,
0.3054

 13.4726, 0.3327,
0.2764

213.9245, 0.3212,
0.3069

 7.7548, 0.3363,
0.2669

259.7988, 0.3207,
0.3083

 3.9384, 0.3413,
0.2532

311.8029, 0.3202,

 1.6392, 0.3490,

0.3095

0.2320

370.3213, 0.3198,
0.3105

0.3838, 0.3758,
0.1642

0.0000, 0.0000,
0.0000

63.0465, 0.3252,
0.2964

63.0465, 0.3252,
0.2964

52.7448, 0.3336,
0.2783

75.0996, 0.3181,
0.3141

44.1036, 0.3432,
0.2604

88.9728, 0.3120,
0.3311

37.0363, 0.3541,
0.2434

96.8402, 0.3072,
0.3355

31.4450, 0.3661,
0.2285

97.2604, 0.3035,
0.3290

■ 27.2212, 0.3790,
0.2167

■ 24.2408, 0.3924,
0.2091

■ 22.3575, 0.4058,
0.2065

■ 21.3557, 0.4188,
0.2086

■ 21.2552, 0.4205,
0.2090

Harmonies

Analogous

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



63.0465, 0.2959, 0.2836



63.0465, 0.3252, 0.2964



63.0465, 0.3522, 0.3170

Triad

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



63.0465, 0.3252, 0.2964



63.0465, 0.3535, 0.3783



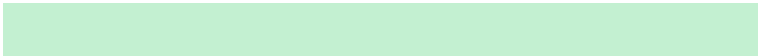
63.0465, 0.2601, 0.3126

Complementary

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



63.0465, 0.3252, 0.2964



78.5096, 0.3021, 0.3640

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.



63.0465, 0.2741, 0.3399



63.0465, 0.3252, 0.2964



63.0465, 0.3276, 0.3795

Square

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



63.0465, 0.3252, 0.2964



63.0465, 0.3688, 0.3637



63.0465, 0.2986, 0.3652



63.0465, 0.2594, 0.2916

Rectangle

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



63.0465, 0.3252, 0.2964



63.0465, 0.3646, 0.3331



63.0465, 0.2986, 0.3652



63.0465, 0.2633, 0.3213

Sweetspot

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



63.0493, 0.3252, 0.2964



90.3216, 0.3163, 0.3188



58.8092, 0.2913, 0.2791



19.1170, 0.3167, 0.3177



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.



63.0493, 0.3252, 0.2964



68.2098, 0.3278, 0.2904



61.9171, 0.3423, 0.3194



15.9430, 0.3185, 0.3128



11.6635, 0.4185, 0.2079



0.9881, 0.4024, 0.1991

Inverse Universe

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



63.0493, 0.3252, 0.2964



68.2098, 0.3278, 0.2904



79.6762, 0.2895, 0.3389



15.9430, 0.3185, 0.3128



11.6635, 0.4185, 0.2079



0.9881, 0.4024, 0.1991

Previews

White Background



This preview shows how the Yxy color 63.0465, 0.3252, 0.2964 looks on a white background.

Color Contrast Check

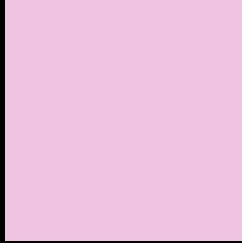
Large Text (above 18pt) WCAG AA × Fail

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 63.0465, 0.3252, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

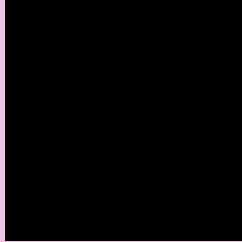
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0465, 0.3252, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 63.0465, 0.3252, 0.2964.



This preview shows how white text looks on a background with the Yxy color 63.0465, 0.3252, 0.2964.

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

63.0465, 0.3252, 0.2964

Protanopia

63.3462, 0.2930, 0.2998

Deuteranopia

63.0495, 0.3109, 0.3037



Tritanopia

62.9137, 0.3333, 0.3119

Trichromacy



Original Color

63.0465, 0.3252, 0.2964

Protanomaly

63.1768, 0.3044, 0.2993

Deuteranomaly

62.7771, 0.3163, 0.3009

Tritanomaly

62.8925, 0.3304, 0.3056

Monochromacy



Original Color

63.0465, 0.3252, 0.2964

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.6820, 0.3171, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0465, 0.3252, 0.2964 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(240, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 195, 226)  
}
```

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(240, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 195, 226) }
```

Border

The CSS property to change the border of an element to Yxy 63.0465, 0.3252, 0.2964 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(240, 195, 226) }
```

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

```
.border{ border-color:rgb(240, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 195,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0465, 0.3252, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 195, 226) }
```

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

```
.background{ background-color: rgb(240,  
195, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor