

Converting Colors

Yxy(63.4456, 0.3195, 0.3045)

Have a look what the booklet for
Yxy(63.4456, 0.3195, 0.3045)
contains.

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Color

Yxy(63.4593, 0.3193, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	E6C8DF
RGB	230, 200, 223
RGB Percent	90%, 78%, 87%
CMY	0.0980, 0.2157, 0.1255
CMYK	0.00, 0.13, 0.03, 0.10
HSL	314°, 38%, 84%
HSV	314°, 13%, 90%
XYZ	66.6093, 63.4593, 78.5418
YIQ	211.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

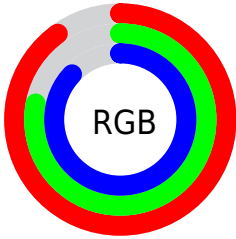
Format	Color
R _Y B	230, 200, 223
Decimal	15124703
CIE Lab	83.68, 14.45, -7.50
CIE LCh	84, 16.282, 332.574
Yxy	63.4593, 0.3193, 0.3042
Android (android.graphics.Color)	4293314783 (0xFFE6C8DF)
YUV	211.5920, 5.6241, 16.1438
Hunter-Lab	79.6613, 9.8465, -2.6938

Details

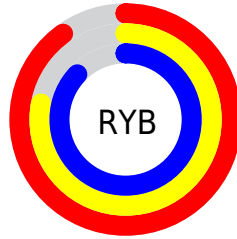
The Yxy color **63.4593, 0.3193, 0.3042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3894, 0.3067, 0.3551**, and the grayscale version is **65.5127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3836, 0.3203, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **53.3111, 0.3253, 0.2845**, and if you desaturate by 10%, it is **75.2250, 0.3141, 0.3233**.

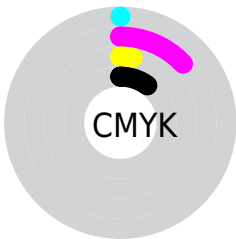
Distribution



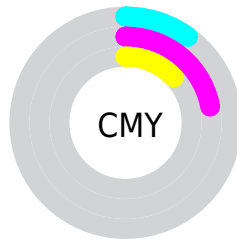
- Red (90%)
- Green (78%)
- Blue (87%)



- Red (90%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (10%)




- Cyan (10%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4593, 0.3193, 0.3042 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 63.4593, 0.3193, 0.3042 by changing the saturation by 10% instead.


 63.4593, 0.3193,
0.3042

 63.4593, 0.3193,
0.3042

437.2345, 0.3163,
0.3157

 46.2129, 0.3200,
0.3016


109.8319, 0.3183,
0.3082

 32.4138, 0.3208,
0.2983


139.7268, 0.3179,
0.3098

 21.6778, 0.3219,
0.2941


174.6067, 0.3175,
0.3111

 13.6203, 0.3232,
0.2886

214.8560, 0.3172,
0.3123

 7.8571, 0.3251,
0.2812

260.8590, 0.3169,
0.3133

 4.0036, 0.3277,
0.2703

313.0001, 0.3167,

 1.6756, 0.3316,

0.3142

0.2531

371.6638, 0.3165,
0.3150

0.4078, 0.3498,
0.1927

0.0000, 0.0000,
0.0000

63.4593, 0.3193,
0.3042

63.4593, 0.3193,
0.3042

53.3111, 0.3253,
0.2845

75.2250, 0.3141,
0.3233

44.7008, 0.3322,
0.2646

88.6670, 0.3097,
0.3415

37.5541, 0.3399,
0.2455

94.5866, 0.3064,
0.3450

31.7879, 0.3484,
0.2279

94.9100, 0.3033,
0.3395

■ 27.3100, 0.3575,
0.2129

■ 95.2429, 0.3004,
0.3340

■ 24.0174, 0.3669,
0.2015

■ 95.5659, 0.2976,
0.3290

■ 21.7912, 0.3764,
0.1946

■ 20.4875, 0.3856,
0.1924

■ 19.9669, 0.3918,
0.1932

Harmonies

Analogous

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



63.4593, 0.2987, 0.2958



63.4593, 0.3193, 0.3042



63.4593, 0.3387, 0.3187

Triad

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



63.4593, 0.3193, 0.3042



63.4593, 0.3434, 0.3632



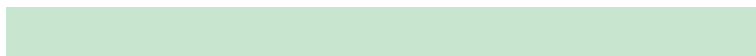
63.4593, 0.2758, 0.3199

Complementary

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



63.4593, 0.3193, 0.3042



73.3894, 0.3067, 0.3551

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.



63.4593, 0.2870, 0.3391



63.4593, 0.3193, 0.3042



63.4593, 0.3259, 0.3647

Square

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



63.4593, 0.3193, 0.3042



63.4593, 0.3528, 0.3524



63.4593, 0.3052, 0.3558



63.4593, 0.2741, 0.3041

Rectangle

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



63.4593, 0.3193, 0.3042



63.4593, 0.3480, 0.3302



63.4593, 0.3052, 0.3558



63.4593, 0.2786, 0.3261

Sweetspot

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



63.4621, 0.3193, 0.3042



93.5110, 0.3146, 0.3215



60.2893, 0.2970, 0.2951



19.7622, 0.3150, 0.3201



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.



63.4621, 0.3193, 0.3042



76.0743, 0.3210, 0.2982



62.6893, 0.3304, 0.3203



14.5545, 0.3173, 0.3112



11.3219, 0.3905, 0.1925



0.8507, 0.3782, 0.1857

Inverse Universe

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



63.4621, 0.3193, 0.3042



76.0743, 0.3210, 0.2982



74.1576, 0.2976, 0.3379



14.5545, 0.3173, 0.3112



11.3219, 0.3905, 0.1925



0.8507, 0.3782, 0.1857

Previews

White Background



This preview shows how the Yxy color 63.4593, 0.3193, 0.3042 looks on a white background.

Color Contrast Check

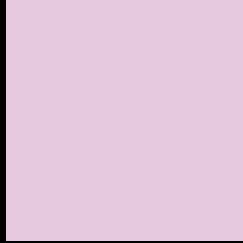
Large Text (above 18pt) WCAG AA × Fail

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 63.4593, 0.3193, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

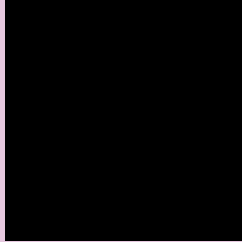
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4593, 0.3193, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 63.4593, 0.3193, 0.3042.



This preview shows how white text looks on a background with the Yxy color 63.4593, 0.3193, 0.3042.

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

63.4593, 0.3193, 0.3042

Protanopia

63.4925, 0.2984, 0.3054

Deuteranopia

63.6738, 0.3145, 0.3082



Tritanopia

63.4411, 0.3228, 0.3116

Trichromacy



Original Color

63.4593, 0.3193, 0.3042

Protanomaly

63.1238, 0.3056, 0.3046

Deuteranomaly

63.6837, 0.3168, 0.3072

Tritanomaly

63.5458, 0.3214, 0.3095

Monochromacy



Original Color

63.4593, 0.3193, 0.3042

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1297, 0.3154, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4593, 0.3193, 0.3042 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(230, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 223)  
}
```

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(230, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.4593, 0.3193, 0.3042 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(230, 200, 223) }
```

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

```
.border{ border-color:rgb(230, 200, 223) }
```

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

Here you see how a box with a 4 pixel rgb(230, 200, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 63.4593, 0.3193, 0.3042$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 223) }
```

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

```
.background{ background-color: rgb(230,  
200, 223) }
```

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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