

Converting Colors

$Y_{xy}(63.3575, 0.3292, 0.3071)$

Have a look what the booklet for
Yxy(63.3575, 0.3292, 0.3071)
contains.

Yxy(63.6273, 0.3294, 0.3077)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.6273, 0.3294, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	EEC6DA
RGB	238, 198, 218
RGB Percent	93%, 78%, 85%
CMY	0.0666, 0.2235, 0.1450
CMYK	0.00, 0.17, 0.08, 0.07
HSL	330°, 54%, 85%
HSV	330°, 17%, 93%
XYZ	68.1145, 63.6273, 75.0418
YIQ	212.2400, 17.4200, 14.7000

Conversions

Conversions Part 2

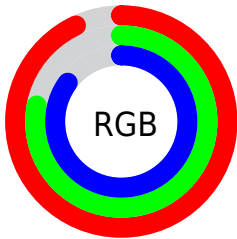
Format	Color
R_{YB}	238, 198, 218
Decimal	15648474
CIE _{Lab}	83.77, 17.39, -4.64
CIE _{LCh}	84, 18.002, 345.054
Yxy	63.6273, 0.3294, 0.3077
Android (android.graphics.Color)	4293838554 (0xFFEEEC6DA)
YUV	212.2400, 2.8397, 22.5915
Hunter-Lab	79.7667, 12.8332, 0.0587

Details

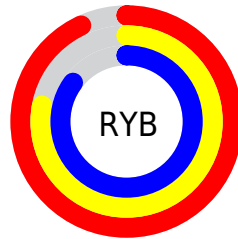
The Yxy color $63.6273, 0.3294, 0.3077$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $78.2218, 0.2988, 0.3513$, and the grayscale version is $65.9815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.5359, 0.3339, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $52.9909, 0.3421, 0.2943$, and if you desaturate by 10%, it is $76.0236, 0.3188, 0.3206$.

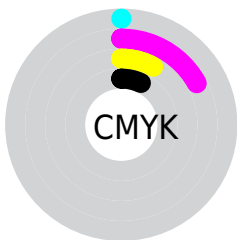
Distribution



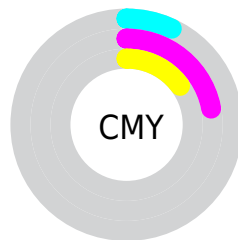
- Red (93%)
- Green (78%)
- Blue (85%)



- Red (93%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (7%)




- Cyan (7%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6273, 0.3294, 0.3077 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 63.6273, 0.3294, 0.3077 by changing the saturation by 10% instead.


 63.6273, 0.3294,
0.3077

 63.6273, 0.3294,
0.3077


437.8425, 0.3216,
0.3176

 46.3489, 0.3312,
0.3054


110.0740, 0.3267,
0.3112

 32.5212, 0.3335,
0.3026


140.0111, 0.3256,
0.3125

 21.7599, 0.3364,
0.2990


174.9365, 0.3247,
0.3137

 13.6806, 0.3402,
0.2942

215.2347, 0.3239,
0.3147

 7.8989, 0.3455,
0.2877

261.2899, 0.3232,
0.3155

 4.0303, 0.3533,
0.2781

313.4867, 0.3226,

 1.6905, 0.3659,

0.3163

0.2629


372.2095, 0.3221,
0.3170

 0.4175, 0.4070,
0.2069


 0.0000, 0.0000,
0.0000

 63.6273, 0.3294,
0.3077

 63.6273, 0.3294,
0.3077


 52.9909, 0.3421,
0.2943

 76.0236, 0.3188,
0.3206


 44.0253, 0.3572,
0.2808

 90.2467, 0.3101,
0.3328

 36.6465, 0.3750,
0.2680

 96.8346, 0.3031,
0.3303

 30.7596, 0.3954,
0.2566

 96.9190, 0.3023,
0.3290

■ 26.2596, 0.4182,
0.2480

■ 23.0276, 0.4426,
0.2433

■ 20.9243, 0.4675,
0.2438

■ 19.7727, 0.4915,
0.2497

■ 19.5149, 0.4990,
0.2523

Harmonies

Analogous

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



63.6273, 0.3064, 0.2953



63.6273, 0.3294, 0.3077



63.6273, 0.3484, 0.3254

Triad

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



63.6273, 0.3294, 0.3077



63.6273, 0.3393, 0.3689



63.6273, 0.2699, 0.3108

Complementary

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



63.6273, 0.3294, 0.3077



78.2218, 0.2988, 0.3513

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.



63.6273, 0.2781, 0.3311



63.6273, 0.3294, 0.3077



63.6273, 0.3177, 0.3659

Square

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



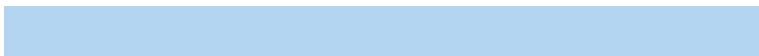
63.6273, 0.3294, 0.3077



63.6273, 0.3541, 0.3607



63.6273, 0.2954, 0.3518



63.6273, 0.2727, 0.2964

Rectangle

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



63.6273, 0.3294, 0.3077



63.6273, 0.3558, 0.3383



63.6273, 0.2954, 0.3518



63.6273, 0.2715, 0.3171

Sweetspot

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



63.6301, 0.3294, 0.3077



91.7299, 0.3172, 0.3229



61.3647, 0.2992, 0.2853



19.3946, 0.3178, 0.3220



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.



63.6301, 0.3294, 0.3077



70.1328, 0.3333, 0.3034



62.6745, 0.3444, 0.3284



15.8909, 0.3215, 0.3172



10.9124, 0.4955, 0.2504



0.9279, 0.4663, 0.2343

Inverse Universe

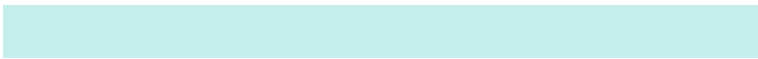
The Inverse Universe completely reimagines the original color for something new.



63.6301, 0.3294, 0.3077



70.1328, 0.3333, 0.3034



79.2955, 0.2877, 0.3297



15.8909, 0.3215, 0.3172



10.9124, 0.4955, 0.2504



0.9279, 0.4663, 0.2343

Previews

White Background



This preview shows how the Yxy color 63.6273, 0.3294, 0.3077 looks on a white background.

Color Contrast Check

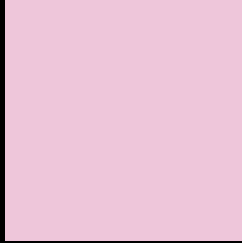
Large Text (above 18pt) WCAG AA × Fail

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 63.6273, 0.3294, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

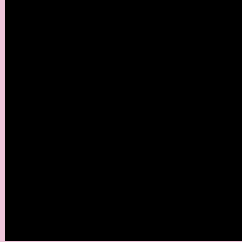
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6273, 0.3294, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 63.6273, 0.3294, 0.3077.



This preview shows how white text looks on a background with the Yxy color 63.6273, 0.3294, 0.3077.

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

63.6273, 0.3294, 0.3077

Protanopia

63.9035, 0.3018, 0.3109

Deuteranopia

63.8904, 0.3203, 0.3137



Tritanopia

63.7064, 0.3315, 0.3130

Trichromacy



Original Color

63.6273, 0.3294, 0.3077

Protanomaly

63.5197, 0.3114, 0.3091

Deuteranomaly

63.6060, 0.3236, 0.3117

Tritanomaly

63.7577, 0.3308, 0.3119

Monochromacy



Original Color

63.6273, 0.3294, 0.3077

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8528, 0.3184, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6273, 0.3294, 0.3077 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(238, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 218)  
}
```

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(238, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 218) }
```

Border

The CSS property to change the border of an element to Yxy 63.6273, 0.3294, 0.3077 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(238, 198, 218) }
```

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

```
.border{ border-color:rgb(238, 198, 218) }
```

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

Here you see how a box with a 4 pixel rgb(238, 198, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 218);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6273, 0.3294, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 218) }
```

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

```
.background{ background-color: rgb(238,  
198, 218) }
```

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