

Converting Colors

Yxy(67.6093, 0.3193, 0.3018)

Have a look what the booklet for
Yxy(67.6093, 0.3193, 0.3018)
contains.

Yxy(67.6093, 0.3193, 0.3018)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6093, 0.3193, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	EECDE7
RGB	238, 205, 231
RGB Percent	93%, 80%, 91%
CMY	0.0664, 0.1961, 0.0941
CMYK	0.00, 0.14, 0.03, 0.07
HSL	313°, 49%, 87%
HSV	313°, 14%, 93%
XYZ	71.5297, 67.6093, 84.8813
YIQ	217.8310, 11.3220, 15.0820

Conversions

Conversions Part 2

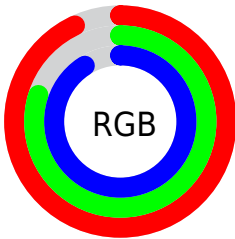
Format	Color
R _Y B	238, 205, 231
Decimal	15650279
CIE Lab	85.81, 15.96, -8.53
CIE LCh	86, 18.098, 331.867
Yxy	67.6093, 0.3193, 0.3018
Android (android.graphics.Color)	4293840359 (0xFFEECDE7)
YUV	217.8310, 6.4923, 17.6882
Hunter-Lab	82.2249, 11.3885, -3.6480

Details

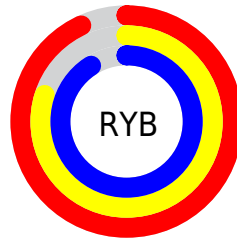
The Yxy color $67.6093, 0.3193, 0.3018$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $78.9166, 0.3067, 0.3578$, and the grayscale version is $69.9427, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1734, 0.3212, 0.2966$ is the 20% darker color. If you saturate the color by 10%, you get $56.7945, 0.3249, 0.2815$, and if you desaturate by 10%, it is $80.1710, 0.3144, 0.3216$.

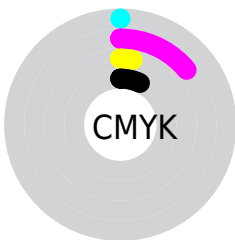
Distribution



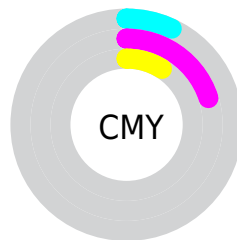
- Red (93%)
- Green (80%)
- Blue (91%)



- Red (93%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6093, 0.3193, 0.3018 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 67.6093, 0.3193, 0.3018 by changing the saturation by 10% instead.


 67.6093, 0.3193,
0.3018

 67.6093, 0.3193,
0.3018

452.1105, 0.3163,
0.3143

 49.5799, 0.3200,
0.2990


115.7930, 0.3183,
0.3061

 35.0798, 0.3208,
0.2955


146.7162, 0.3179,
0.3078

 23.7243, 0.3217,
0.2911


182.7061, 0.3176,
0.3092

 15.1292, 0.3230,
0.2854

224.1472, 0.3173,
0.3105

 8.9101, 0.3247,
0.2777

271.4237, 0.3170,
0.3116

 4.6826, 0.3270,
0.2667

324.9202, 0.3167,

 2.0623, 0.3304,

0.3126

0.2498

385.0210, 0.3165,
0.3135

0.6433, 0.3381,
0.2151

0.0000, 0.0000,
0.0000

67.6093, 0.3193,
0.3018

67.6093, 0.3193,
0.3018

56.7945, 0.3249,
0.2815

80.1710, 0.3144,
0.3216

47.6396, 0.3313,
0.2612

94.5440, 0.3102,
0.3404

40.0635, 0.3385,
0.2417

96.3763, 0.3073,
0.3376

33.9748, 0.3463,
0.2239

96.6930, 0.3044,
0.3326

■ 29.2726, 0.3546,
0.2089

■ 96.9275, 0.3024,
0.3290

■ 25.8434, 0.3632,
0.1976

■ 23.5558, 0.3717,
0.1908

■ 22.2496, 0.3799,
0.1887

■ 21.7864, 0.3847,
0.1893

Harmonies

Analogous

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



67.6093, 0.2969, 0.2929



67.6093, 0.3193, 0.3018



67.6093, 0.3405, 0.3174

Triad

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



67.6093, 0.3193, 0.3018



67.6093, 0.3465, 0.3660



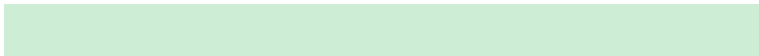
67.6093, 0.2728, 0.3194

Complementary

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



67.6093, 0.3193, 0.3018



78.9166, 0.3067, 0.3578

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.



67.6093, 0.2852, 0.3404



67.6093, 0.3193, 0.3018



67.6093, 0.3275, 0.3681

Square

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



67.6093, 0.3193, 0.3018



67.6093, 0.3565, 0.3540



67.6093, 0.3050, 0.3587



67.6093, 0.2707, 0.3021

Rectangle

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



67.6093, 0.3193, 0.3018



67.6093, 0.3509, 0.3298



67.6093, 0.3050, 0.3587



67.6093, 0.2759, 0.3263

Sweetspot

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



67.6123, 0.3193, 0.3018



93.5245, 0.3145, 0.3213



63.7693, 0.2951, 0.2926



19.7656, 0.3148, 0.3199



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.



67.6123, 0.3193, 0.3018



74.8106, 0.3210, 0.2954



66.7442, 0.3310, 0.3185



15.9703, 0.3171, 0.3106



12.1674, 0.3835, 0.1886



1.0264, 0.3736, 0.1832

Inverse Universe

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



67.6123, 0.3193, 0.3018



74.8106, 0.3210, 0.2954



79.7700, 0.2973, 0.3398



15.9703, 0.3171, 0.3106



12.1674, 0.3835, 0.1886



1.0264, 0.3736, 0.1832

Previews

White Background



This preview shows how the Yxy color 67.6093, 0.3193, 0.3018 looks on a white background.

Color Contrast Check

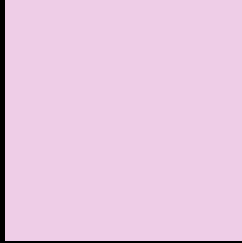
Large Text (above 18pt) WCAG AA × Fail

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 67.6093, 0.3193, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

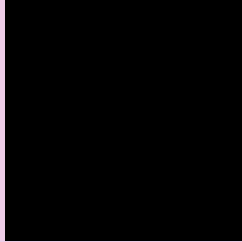
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6093, 0.3193, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 67.6093, 0.3193, 0.3018.



This preview shows how white text looks on a background with the Yxy color 67.6093, 0.3193, 0.3018.

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

67.6093, 0.3193, 0.3018

Protanopia

67.6417, 0.2968, 0.3038

Deuteranopia

67.8081, 0.3123, 0.3066



Tritanopia

67.4749, 0.3242, 0.3111

Trichromacy



Original Color

67.6093, 0.3193, 0.3018

Protanomaly

67.4059, 0.3045, 0.3031

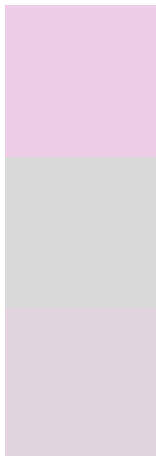
Deuteranomaly

67.9807, 0.3153, 0.3057

Tritanomaly

67.6381, 0.3220, 0.3079

Monochromacy



Original Color

67.6093, 0.3193, 0.3018

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.9238, 0.3147, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6093, 0.3193, 0.3018 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, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(238, 205, 231)  
}
```

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, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 205, 231) }
```

Border

The CSS property to change the border of an element to Yxy 67.6093, 0.3193, 0.3018 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, 205, 231) }
```

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

```
.border{ border-color:rgb(238, 205, 231) }
```

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

Here you see how a box with a 4 pixel rgb(238, 205, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(238, 205,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6093, 0.3193, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 205, 231) }
```

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

```
.background{ background-color: rgb(238,  
205, 231) }
```

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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