

Converting Colors

Yxy(63.8434, 0.3141, 0.3039)

Have a look what the booklet for
Yxy(63.8434, 0.3141, 0.3039)
contains.

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Color

Yxy(63.8461, 0.3146, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	E2CAE1
RGB	226, 202, 225
RGB Percent	89%, 79%, 88%
CMY	0.1138, 0.2078, 0.1175
CMYK	0.00, 0.11, 0.00, 0.11
HSL	302°, 29%, 84%
HSV	302°, 11%, 89%
XYZ	66.0723, 63.8461, 80.1017
YIQ	211.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

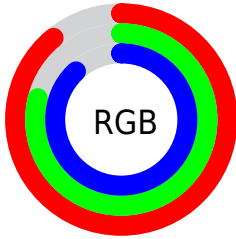
Format	Color
R _Y B	226, 202, 225
Decimal	14863073
CIE Lab	83.89, 12.38, -8.33
CIE LCh	84, 14.925, 326.072
Yxy	63.8461, 0.3146, 0.3040
Android (android.graphics.Color)	4293053153 (0xFFE2CAE1)
YUV	211.7980, 6.5086, 12.4552
Hunter-Lab	79.9038, 7.7699, -3.5042

Details

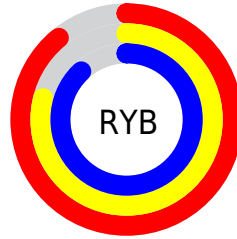
The Yxy color **63.8461, 0.3146, 0.3040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2447, 0.3108, 0.3553**, and the grayscale version is **65.6506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7400, 0.3152, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **53.9610, 0.3165, 0.2798**, and if you desaturate by 10%, it is **75.2897, 0.3128, 0.3276**.

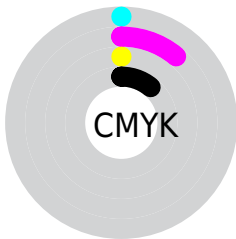
Distribution



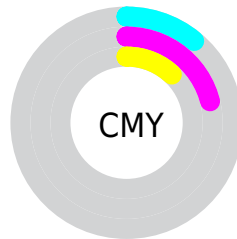
- Red (89%)
- Green (79%)
- Blue (88%)



- Red (89%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8461, 0.3146, 0.3040 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 63.8461, 0.3146, 0.3040 by changing the saturation by 10% instead.

63.8461, 0.3146,
0.3040

63.8461, 0.3146,
0.3040

438.6337, 0.3138,
0.3156

46.5260, 0.3148,
0.3013

110.3893, 0.3143,
0.3080

32.6611, 0.3149,
0.2980

140.3812, 0.3142,
0.3096

21.8670, 0.3152,
0.2938

175.3658, 0.3141,
0.3110

13.7592, 0.3154,
0.2883

215.7275, 0.3141,
0.3121

7.9534, 0.3157,
0.2808

261.8508, 0.3140,
0.3132

4.0651, 0.3160,
0.2699

314.1200, 0.3139,

1.7101, 0.3162,

0.3141

0.2526

372.9195, 0.3139,
0.3149

0.4302, 0.3240,
0.1960

0.0000, 0.0000,
0.0000

63.8461, 0.3146,
0.3040

63.8461, 0.3146,
0.3040

53.9610, 0.3165,
0.2798

75.2897, 0.3128,
0.3276

45.5589, 0.3186,
0.2558

88.3465, 0.3112,
0.3502

38.5704, 0.3207,
0.2327

93.2679, 0.3103,
0.3570

32.9174, 0.3228,
0.2115

93.3168, 0.3098,
0.3561

■ 28.5142, 0.3248,
0.1932

■ 93.3660, 0.3093,
0.3552

■ 25.2652, 0.3267,
0.1786

■ 93.4154, 0.3089,
0.3543

■ 23.0608, 0.3284,
0.1682

■ 93.4651, 0.3084,
0.3533

■ 21.7708, 0.3299,
0.1622

■ 93.5151, 0.3079,
0.3524

■ 21.1826, 0.3310,
0.1597

■ 93.5653, 0.3074,
0.3515

Harmonies

Analogous

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



63.8461, 0.2962, 0.2978



63.8461, 0.3146, 0.3040



63.8461, 0.3330, 0.3164

Triad

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



63.8461, 0.3146, 0.3040



63.8461, 0.3434, 0.3588



63.8461, 0.2804, 0.3244

Complementary

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



63.8461, 0.3146, 0.3040



71.2447, 0.3108, 0.3553

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.



63.8461, 0.2924, 0.3419



63.8461, 0.3146, 0.3040



63.8461, 0.3287, 0.3621

Square

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



63.8461, 0.3146, 0.3040



63.8461, 0.3499, 0.3476



63.8461, 0.3100, 0.3560



63.8461, 0.2769, 0.3089

Rectangle

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



63.8461, 0.3146, 0.3040



63.8461, 0.3426, 0.3267



63.8461, 0.3100, 0.3560



63.8461, 0.2836, 0.3303

Sweetspot

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



63.8489, 0.3146, 0.3040



95.1966, 0.3132, 0.3220



60.4056, 0.2967, 0.3016



20.1082, 0.3134, 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.



63.8489, 0.3146, 0.3040



80.5600, 0.3151, 0.2980



63.2244, 0.3232, 0.3167



13.9259, 0.3144, 0.3068



12.0924, 0.3309, 0.1596



0.8411, 0.3292, 0.1587

Inverse Universe

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



63.8489, 0.3146, 0.3040



80.5600, 0.3151, 0.2980



71.8310, 0.3034, 0.3416



13.9259, 0.3144, 0.3068



12.0924, 0.3309, 0.1596



0.8411, 0.3292, 0.1587

Previews

White Background



This preview shows how the Yxy color 63.8461, 0.3146, 0.3040 looks on a white background.

Color Contrast Check

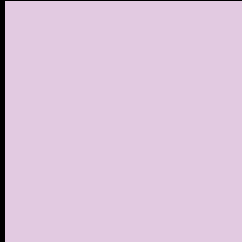
Large Text (above 18pt) WCAG AA × Fail

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 63.8461, 0.3146, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

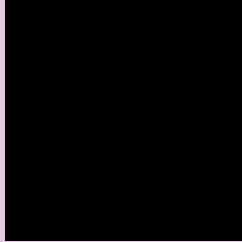
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8461, 0.3146, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 63.8461, 0.3146, 0.3040.



This preview shows how white text looks on a background with the Yxy color 63.8461, 0.3146, 0.3040.

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

63.8461, 0.3146, 0.3040

Protanopia

64.0343, 0.2978, 0.3054

Deuteranopia

63.6777, 0.3116, 0.3049



Tritanopia

63.8339, 0.3181, 0.3115

Trichromacy



Original Color

63.8461, 0.3146, 0.3040

Protanomaly

64.0402, 0.3035, 0.3046

Deuteranomaly

63.8361, 0.3123, 0.3050

Tritanomaly

63.9399, 0.3167, 0.3093

Monochromacy



Original Color

63.8461, 0.3146, 0.3040

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8732, 0.3132, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8461, 0.3146, 0.3040 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(226, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 225)  
}
```

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(226, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 225) }
```

Border

The CSS property to change the border of an element to Yxy 63.8461, 0.3146, 0.3040 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(226, 202, 225) }
```

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

```
.border{ border-color:rgb(226, 202, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 202, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 202, 225); box-shadow:4px 4px 4px 4px rgb(226, 202, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8461, 0.3146, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 225) }
```

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

```
.background{ background-color: rgb(226,  
202, 225) }
```

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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