

Converting Colors

Yxy(63.9313, 0.3074, 0.3065)

Have a look what the booklet for
Yxy(63.9313, 0.3074, 0.3065)
contains.

Yxy(63.8506, 0.3078, 0.3069)	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(63.8506, 0.3078, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	D9CDE1
RGB	217, 205, 225
RGB Percent	85%, 80%, 88%
CMY	0.1489, 0.1961, 0.1178
CMYK	0.04, 0.09, 0.00, 0.12
HSL	276°, 25%, 84%
HSV	276°, 9%, 88%
XYZ	64.0378, 63.8506, 80.1617
YIQ	210.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

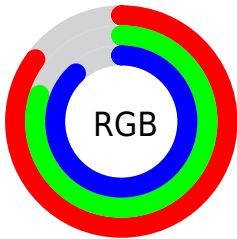
Format	Color
R_{YB}	217, 205, 225
Decimal	14274017
CIE Lab	83.89, 7.78, -8.37
CIE LCh	84, 11.429, 312.903
Yxy	63.8506, 0.3078, 0.3069
Android (android.graphics.Color)	4292464097 (0xFFD9CDE1)
YUV	210.8680, 6.9671, 5.3778
Hunter-Lab	79.9066, 3.2150, -3.5447

Details

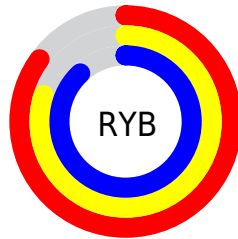
The Yxy color $63.8506, 0.3078, 0.3069$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.3820, 0.3173, 0.3513$, and the grayscale version is $65.0047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.7169, 0.3061, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $52.5168, 0.3013, 0.2803$, and if you desaturate by 10%, it is $76.8119, 0.3133, 0.3317$.

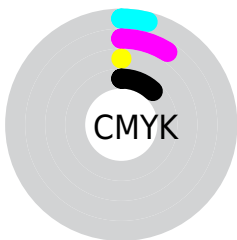
Distribution



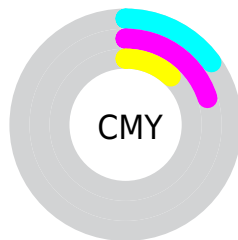
- Red (85%)
- Green (80%)
- Blue (88%)



- Red (85%)
- Yellow (80%)
- Blue (88%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8506, 0.3078, 0.3069 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 63.8506, 0.3078, 0.3069 by changing the saturation by 10% instead.

63.8506, 0.3078,
0.3069

63.8506, 0.3078,
0.3069

438.6499, 0.3102,
0.3172

46.5297, 0.3072,
0.3045

110.3957, 0.3087,
0.3105

32.6640, 0.3065,
0.3016

140.3888, 0.3090,
0.3119

21.8692, 0.3056,
0.2978

175.3746, 0.3093,
0.3131

13.7608, 0.3043,
0.2928

215.7377, 0.3095,
0.3141

7.9545, 0.3025,
0.2860

261.8623, 0.3097,
0.3151

4.0658, 0.2997,
0.2761

314.1330, 0.3099,

1.7105, 0.2948,

0.3159

0.2602

372.9341, 0.3100,
0.3166

0.4304, 0.2871,
0.2063

0.0000, 0.0000,
0.0000

63.8506, 0.3078,
0.3069

63.8506, 0.3078,
0.3069

52.5168, 0.3013,
0.2803

76.8119, 0.3133,
0.3317

42.7354, 0.2938,
0.2524

91.4554, 0.3179,
0.3545

34.4374, 0.2852,
0.2238

96.1690, 0.3232,
0.3588

27.5456, 0.2756,
0.1956

97.8098, 0.3290,
0.3583

■ 21.9752, 0.2653,
0.1689

■ 98.2147, 0.3304,
0.3582

■ 17.6324, 0.2545,
0.1451

■ 14.4102, 0.2437,
0.1254

■ 12.1828, 0.2333,
0.1107

■ 10.7568, 0.2235,
0.1009

Harmonies

Analogous

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



63.8506, 0.2948, 0.3047



63.8506, 0.3078, 0.3069



63.8506, 0.3224, 0.3146

Triad

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



63.8506, 0.3078, 0.3069



63.8506, 0.3393, 0.3487



63.8506, 0.2913, 0.3315

Complementary

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



63.8506, 0.3078, 0.3069



72.3820, 0.3173, 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.



63.8506, 0.3028, 0.3441



63.8506, 0.3078, 0.3069



63.8506, 0.3306, 0.3540

Square

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



63.8506, 0.3078, 0.3069



63.8506, 0.3408, 0.3384



63.8506, 0.3171, 0.3524



63.8506, 0.2854, 0.3185

Rectangle

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



63.8506, 0.3078, 0.3069



63.8506, 0.3310, 0.3220



63.8506, 0.3171, 0.3524



63.8506, 0.2946, 0.3359

Sweetspot

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



63.8533, 0.3078, 0.3069



94.6426, 0.3111, 0.3217



65.9977, 0.2990, 0.3155



19.9582, 0.3107, 0.3197



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.



63.8533, 0.3078, 0.3069



81.3336, 0.3065, 0.3012



64.9932, 0.3151, 0.3094



13.6492, 0.3075, 0.3054



6.1898, 0.2239, 0.1007



0.4806, 0.2386, 0.1088

Inverse Universe

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



64.4686, 0.3223, 0.3203



82.3509, 0.3250, 0.3180



71.3193, 0.3104, 0.3494



13.7905, 0.3230, 0.3197



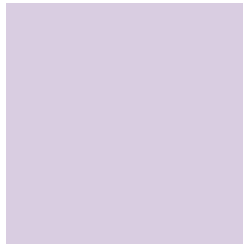
9.6673, 0.5377, 0.2736



0.6874, 0.4968, 0.2511

Previews

White Background



This preview shows how the Yxy color 63.8506, 0.3078, 0.3069 looks on a white background.

Color Contrast Check

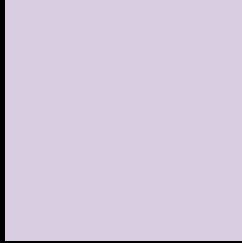
Large Text (above 18pt) WCAG AA × Fail

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 63.8506, 0.3078, 0.3069 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 63.8506, 0.3078, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 63.8506, 0.3078, 0.3069.



This preview shows how white text looks on a background with the Yxy color 63.8506, 0.3078, 0.3069.

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

63.8506, 0.3078, 0.3069

Protanopia

64.0677, 0.2998, 0.3076

Deuteranopia

63.6777, 0.3116, 0.3049



Tritanopia

64.1683, 0.3098, 0.3112

Trichromacy



Original Color

63.8506, 0.3078, 0.3069

Protanomaly

63.9655, 0.3026, 0.3077

Deuteranomaly

63.8376, 0.3100, 0.3059

Tritanomaly

64.2220, 0.3091, 0.3102

Monochromacy



Original Color

63.8506, 0.3078, 0.3069

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7049, 0.3109, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8506, 0.3078, 0.3069 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(217, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 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(217, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 225) }
```

Border

The CSS property to change the border of an element to Yxy 63.8506, 0.3078, 0.3069 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(217, 205, 225) }
```

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

```
.border{ border-color:rgb(217, 205, 225) }
```

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

Here you see how a box with a 4 pixel rgb(217, 205, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8506, 0.3078, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 225) }
```

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

```
.background{ background-color: rgb(217,  
205, 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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