

Converting Colors

Yxy(58.3346, 0.3085, 0.3007)

Have a look what the booklet for
Yxy(58.3346, 0.3085, 0.3007)
contains.

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Color

Yxy(58.3437, 0.3086, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	D5C3DC
RGB	213, 195, 220
RGB Percent	84%, 76%, 86%
CMY	0.1646, 0.2353, 0.1373
CMYK	0.03, 0.11, 0.00, 0.14
HSL	283°, 26%, 81%
HSV	283°, 11%, 86%
XYZ	59.8765, 58.3437, 75.8061
YIQ	203.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

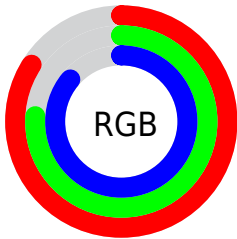
Format	Color
R _Y B	213, 195, 220
Decimal	14009308
CIE Lab	80.93, 10.82, -10.14
CIE LCh	81, 14.832, 316.868
Yxy	58.3437, 0.3086, 0.3007
Android (android.graphics.Color)	4292199388 (0xFFD5C3DC)
YUV	203.2320, 8.2666, 8.5665
Hunter-Lab	76.3830, 6.2554, -5.3740

Details

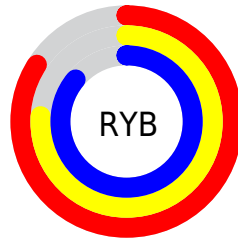
The Yxy color **58.3437, 0.3086, 0.3007** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6719, 0.3163, 0.3580**, and the grayscale version is **59.8225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **29.0355, 0.3071, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **48.3035, 0.3042, 0.2743**, and if you desaturate by 10%, it is **69.8759, 0.3123, 0.3257**.

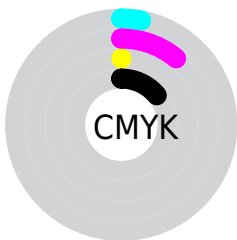
Distribution



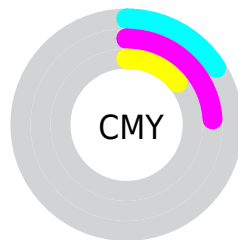
- Red (84%)
- Green (76%)
- Blue (86%)



- Red (84%)
- Yellow (76%)
- Blue (86%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3437, 0.3086, 0.3007 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 58.3437, 0.3086, 0.3007 by changing the saturation by 10% instead.

■ 58.3437, 0.3086,
0.3007

■ 58.3437, 0.3086,
0.3007

418.4654, 0.3107,
0.3141

■ 42.0850, 0.3081,
0.2976

■ 102.4232, 0.3094,
0.3054

■ 29.1679, 0.3074,
0.2937

131.0128, 0.3096,
0.3072

■ 19.2079, 0.3065,
0.2887

164.4815, 0.3099,
0.3087

■ 11.8206, 0.3052,
0.2821

203.2137, 0.3101,
0.3101

■ 6.6216, 0.3034,
0.2730

247.5938, 0.3103,
0.3113

■ 3.2266, 0.3004,
0.2595

298.0062, 0.3104,

■ 1.2512, 0.2949,

0.3123

0.2375

354.8353, 0.3106,
0.3132

0.1029, 0.2815,
0.0800

0.0000, 0.0000,
0.0000

58.3437, 0.3086,
0.3007

58.3437, 0.3086,
0.3007

48.3035, 0.3042,
0.2743

69.8759, 0.3123,
0.3257

39.6840, 0.2991,
0.2472

82.9523, 0.3153,
0.3491

32.4196, 0.2932,
0.2201

93.7458, 0.3182,
0.3648

26.4362, 0.2866,
0.1941

94.7870, 0.3221,
0.3643

■ 21.6526, 0.2794,
0.1702

■ 95.8642, 0.3260,
0.3639

■ 17.9780, 0.2719,
0.1497

■ 96.9780, 0.3300,
0.3635

■ 15.3085, 0.2643,
0.1335

■ 97.9466, 0.3334,
0.3631

■ 13.5199, 0.2568,
0.1220

■ 12.5017, 0.2506,
0.1154

Harmonies

Analogous

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



58.3437, 0.2908, 0.2967



58.3437, 0.3086, 0.3007



58.3437, 0.3280, 0.3117

Triad

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



58.3437, 0.3086, 0.3007



58.3437, 0.3473, 0.3567



58.3437, 0.2826, 0.3298

Complementary

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



58.3437, 0.3086, 0.3007



67.6719, 0.3163, 0.3580

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.



58.3437, 0.2970, 0.3473



58.3437, 0.3086, 0.3007



58.3437, 0.3344, 0.3629

Square

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



58.3437, 0.3086, 0.3007



58.3437, 0.3507, 0.3434



58.3437, 0.3159, 0.3596



58.3437, 0.2761, 0.3128

Rectangle

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



58.3437, 0.3086, 0.3007



58.3437, 0.3392, 0.3216



58.3437, 0.3159, 0.3596



58.3437, 0.2867, 0.3359

Sweetspot

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



58.3462, 0.3086, 0.3007



94.8135, 0.3117, 0.3217



59.0474, 0.2950, 0.3080



20.0044, 0.3114, 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.



58.3462, 0.3086, 0.3007



77.4604, 0.3075, 0.2935



59.1285, 0.3180, 0.3071



13.0829, 0.3094, 0.3056



7.3965, 0.2517, 0.1160



0.5215, 0.2633, 0.1224

Inverse Universe

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



58.5068, 0.3276, 0.3211



77.7511, 0.3318, 0.3191



66.9714, 0.3078, 0.3520



13.1109, 0.3248, 0.3225



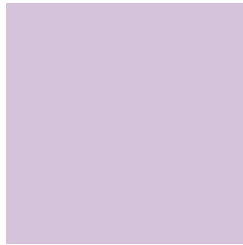
9.1462, 0.5825, 0.2982



0.6071, 0.5355, 0.2724

Previews

White Background



This preview shows how the Yxy color 58.3437, 0.3086, 0.3007 looks on a white background.

Color Contrast Check

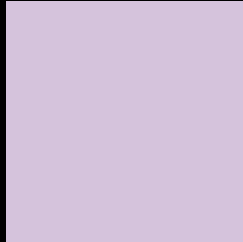
Large Text (above 18pt) WCAG AA × Fail

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 58.3437, 0.3086, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

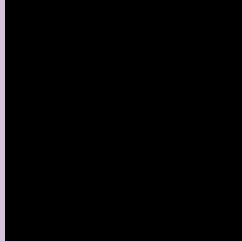
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3437, 0.3086, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 58.3437, 0.3086, 0.3007.



This preview shows how white text looks on a background with the Yxy color 58.3437, 0.3086, 0.3007.

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

58.3437, 0.3086, 0.3007

Protanopia

58.6420, 0.2951, 0.3023

Deuteranopia

58.1946, 0.3078, 0.3006



Tritanopia

58.2304, 0.3136, 0.3107

Trichromacy



Original Color

58.3437, 0.3086, 0.3007

Protanomaly

58.3586, 0.2995, 0.3013

Deuteranomaly

58.1946, 0.3078, 0.3006

Tritanomaly

58.3832, 0.3114, 0.3073

Monochromacy



Original Color

58.3437, 0.3086, 0.3007

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1774, 0.3117, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3437, 0.3086, 0.3007 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(213, 195, 220)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 220)  
}
```

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(213, 195, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.3437, 0.3086, 0.3007 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(213, 195, 220) }
```

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

```
.border{ border-color:rgb(213, 195, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 220);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3437, 0.3086, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 220) }
```

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

```
.background{ background-color: rgb(213,  
195, 220) }
```

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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