

Converting Colors

$Yxy(58.5340, 0.3024, 0.3037)$

Have a look what the booklet for
Yxy(58.5340, 0.3024, 0.3037)
contains.

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Color

Yxy(58.5346, 0.3024, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	CDC6DC
RGB	205, 198, 220
RGB Percent	80%, 78%, 86%
CMY	0.1961, 0.2235, 0.1373
CMYK	0.07, 0.10, 0.00, 0.14
HSL	259°, 24%, 82%
HSV	259°, 10%, 86%
XYZ	58.2840, 58.5346, 75.9196
YIQ	202.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

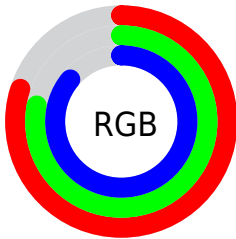
Format	Color
R _Y B	205, 198, 220
Decimal	13485788
CIE Lab	81.04, 6.53, -10.05
CIE LCh	81, 11.985, 303.041
Yxy	58.5346, 0.3024, 0.3037
Android (android.graphics.Color)	4291675868 (0xFFC6DC6DC)
YUV	202.6010, 8.5777, 2.1039
Hunter-Lab	76.5079, 2.0932, -5.2785

Details

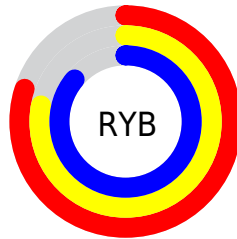
The Yxy color **58.5346, 0.3024, 0.3037** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3980, 0.3224, 0.3539**, and the grayscale version is **59.4043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.2424, 0.2999, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **47.1667, 0.2905, 0.2758**, and if you desaturate by 10%, it is **71.5727, 0.3127, 0.3290**.

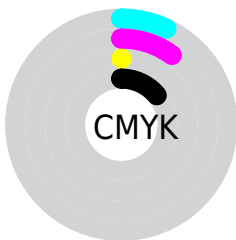
Distribution



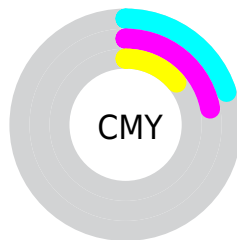
- Red (80%)
- Green (78%)
- Blue (86%)



- Red (80%)
- Yellow (78%)
- Blue (86%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5346, 0.3024, 0.3037 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 58.5346, 0.3024, 0.3037 by changing the saturation by 10% instead.

■ 58.5346, 0.3024,
0.3037

■ 58.5346, 0.3024,
0.3037

419.1750, 0.3074,
0.3157

■ 42.2386, 0.3012,
0.3009

102.7010, 0.3042,
0.3079

■ 29.2882, 0.2997,
0.2974

131.3401, 0.3049,
0.3095

■ 19.2989, 0.2977,
0.2929

164.8624, 0.3055,
0.3109

■ 11.8865, 0.2950,
0.2869

203.6522, 0.3060,
0.3121

■ 6.6664, 0.2911,
0.2785

248.0940, 0.3064,
0.3132

■ 3.2544, 0.2851,
0.2660

298.5721, 0.3068,

■ 1.2659, 0.2747,

0.3141

0.2454

355.4710, 0.3071,
0.3150

0.1146, 0.2218,
0.0947

0.0000, 0.0000,
0.0000

58.5346, 0.3024,
0.3037

58.5346, 0.3024,
0.3037

47.1667, 0.2905,
0.2758

71.5727, 0.3127,
0.3290

37.3931, 0.2769,
0.2456

86.3380, 0.3216,
0.3517

29.1431, 0.2617,
0.2139

97.0134, 0.3301,
0.3635

22.3377, 0.2454,
0.1817

97.9461, 0.3334,
0.3631

■ 16.8905, 0.2284,
0.1507

■ 12.7057, 0.2116,
0.1226

■ 9.6744, 0.1959,
0.0994

■ 7.6682, 0.1824,
0.0826

■ 6.4653, 0.1714,
0.0718

Harmonies

Analogous

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



58.5346, 0.2898, 0.3035



58.5346, 0.3024, 0.3037



58.5346, 0.3180, 0.3102

Triad

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



58.5346, 0.3024, 0.3037



58.5346, 0.3429, 0.3471



58.5346, 0.2931, 0.3364

Complementary

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



58.5346, 0.3024, 0.3037



69.3980, 0.3224, 0.3539

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.



58.5346, 0.3069, 0.3490



58.5346, 0.3024, 0.3037



58.5346, 0.3358, 0.3549

Square

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



58.5346, 0.3024, 0.3037



58.5346, 0.3417, 0.3348



58.5346, 0.3225, 0.3558



58.5346, 0.2846, 0.3221

Rectangle

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



58.5346, 0.3024, 0.3037



58.5346, 0.3281, 0.3173



58.5346, 0.3225, 0.3558



58.5346, 0.2973, 0.3410

Sweetspot

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



58.5371, 0.3024, 0.3037



94.2392, 0.3098, 0.3216



64.7725, 0.2973, 0.3210



19.8495, 0.3089, 0.3196



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.



58.5371, 0.3024, 0.3037



78.2595, 0.3000, 0.2980



60.1508, 0.3108, 0.3044



12.8169, 0.3030, 0.3052



3.8473, 0.1728, 0.0726



0.2945, 0.1908, 0.0825

Inverse Universe

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



60.4095, 0.3190, 0.3122



81.3962, 0.3204, 0.3086



67.8139, 0.3144, 0.3545



13.2008, 0.3186, 0.3132



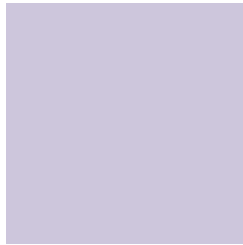
10.2454, 0.4208, 0.2092



0.6791, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 58.5346, 0.3024, 0.3037 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 58.5346, 0.3024, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

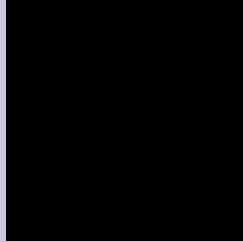
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

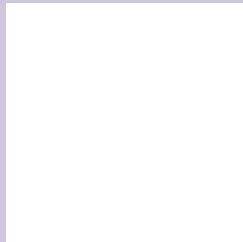
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5346, 0.3024, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 58.5346, 0.3024, 0.3037.



This preview shows how white text looks on a background with the Yxy color 58.5346, 0.3024, 0.3037.

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

58.5346, 0.3024, 0.3037

Protanopia

58.6711, 0.2972, 0.3046

Deuteranopia

58.6442, 0.3078, 0.3018



Tritanopia

58.5905, 0.3051, 0.3104

Trichromacy



Original Color

58.5346, 0.3024, 0.3037

Protanomaly

58.4848, 0.2987, 0.3035

Deuteranomaly

58.6551, 0.3054, 0.3027

Tritanomaly

58.6940, 0.3037, 0.3082

Monochromacy



Original Color

58.5346, 0.3024, 0.3037

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2141, 0.3093, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5346, 0.3024, 0.3037 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(205, 198, 220)` looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 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(205, 198, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.5346, 0.3024, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

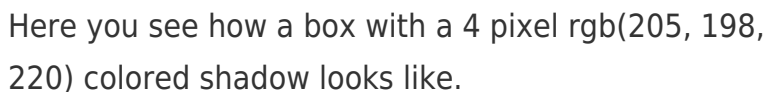
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 198, 220) }
```

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

```
.border{ border-color:rgb(205, 198, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 198, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 198, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 198, 220); box-shadow:4px 4px 4px 4px rgb(205, 198, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5346, 0.3024, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 220) }
```

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

```
.background{ background-color: rgb(205,  
198, 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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