

Converting Colors

$Y_{xy}(56.9670, 0.2818, 0.2735)$

Have a look what the booklet for
Yxy(56.9670, 0.2818, 0.2735)
contains.

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Color

Yxy(57.0604, 0.2818, 0.2736)

Conversions

Conversions Part 1

Format	Color
Hex	C6C2F3
RGB	198, 194, 243
RGB Percent	78%, 76%, 95%
CMY	0.2233, 0.2393, 0.0470
CMYK	0.19, 0.20, 0.00, 0.05
HSL	245°, 67%, 86%
HSV	245°, 20%, 95%
XYZ	58.7705, 57.0604, 92.7231
YIQ	200.7820, -13.3450, 16.0870

Conversions

Conversions Part 2

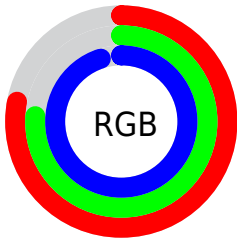
Format	Color
RYB	198, 194, 243
Decimal	13026035
CIELab	80.21, 11.25, -23.69
CIElCh	80, 26.224, 295.415
Yxy	57.0604, 0.2818, 0.2736
Android (android.graphics.Color)	4291216115 (0xFFC6C2F3)
YUV	200.7820, 20.8135, -2.4398
Hunter-Lab	75.5383, 6.6850, -19.9015

Details

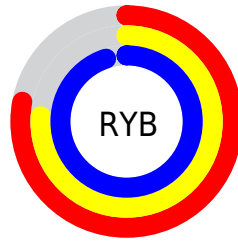
The Yxy color **57.0604, 0.2818, 0.2736** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.3476, 0.3403, 0.3798**, and the grayscale version is **58.1476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.2733, 0.2738, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **44.3067, 0.2635, 0.2415**, and if you desaturate by 10%, it is **72.0330, 0.2981, 0.3027**.

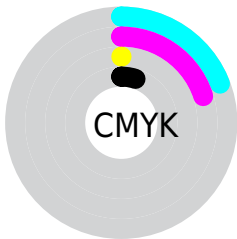
Distribution



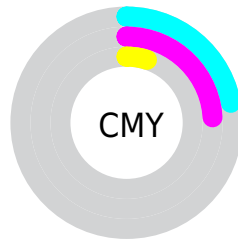
- Red (78%)
- Green (76%)
- Blue (95%)



- Red (78%)
- Yellow (76%)
- Blue (95%)



- Cyan (19%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0604, 0.2818, 0.2736 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 57.0604, 0.2818, 0.2736 by changing the saturation by 10% instead.

■ 57.0604, 0.2818,
0.2736

■ 57.0604, 0.2818,
0.2736

■ 413.6756, 0.2968,
0.2995

■ 41.0537, 0.2782,
0.2677

■ 100.5533, 0.2871,
0.2826

■ 28.3611, 0.2737,
0.2603

■ 128.8084, 0.2892,
0.2861

■ 18.5980, 0.2679,
0.2510

■ 161.9150, 0.2909,
0.2891

■ 11.3802, 0.2601,
0.2388

■ 200.2576, 0.2924,
0.2917

■ 6.3232, 0.2492,
0.2223

■ 244.2205, 0.2937,
0.2940

■ 3.0426, 0.2329,
0.1989

■ 294.1883, 0.2949,

■ 1.1540, 0.2065,

0.2961

0.1634

350.5452, 0.2959,
0.2979

0.0236, 0.1354,
0.0108

0.0000, 0.0000,
0.0000

57.0604, 0.2818,
0.2736

57.0604, 0.2818,
0.2736

44.3067, 0.2635,
0.2415

72.0330, 0.2981,
0.3027

33.6597, 0.2437,
0.2072

89.3158, 0.3125,
0.3286

25.0079, 0.2230,
0.1720

99.2521, 0.3197,
0.3405

18.2267, 0.2027,
0.1382

■ 13.1774, 0.1842,
0.1082

■ 9.7021, 0.1689,
0.0846

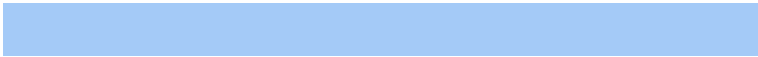
■ 7.6138, 0.1581,
0.0689

■ 6.6227, 0.1521,
0.0611

Harmonies

Analogous

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



57.0604, 0.2582, 0.2759



57.0604, 0.2818, 0.2736



57.0604, 0.3148, 0.2844

Triad

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



57.0604, 0.2818, 0.2736



57.0604, 0.3810, 0.3606



57.0604, 0.2763, 0.3534

Complementary

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



57.0604, 0.2818, 0.2736



86.3476, 0.3403, 0.3798

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.



57.0604, 0.3077, 0.3801



57.0604, 0.2818, 0.2736



57.0604, 0.3689, 0.3823

Square

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



57.0604, 0.2818, 0.2736



57.0604, 0.3737, 0.3328



57.0604, 0.3417, 0.3905



57.0604, 0.2552, 0.3203

Rectangle

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



57.0604, 0.2818, 0.2736



57.0604, 0.3381, 0.2976



57.0604, 0.3417, 0.3905



57.0604, 0.2859, 0.3636

Sweetspot

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



57.0627, 0.2818, 0.2736



88.0592, 0.3044, 0.3139



80.1119, 0.2823, 0.3254



18.5824, 0.3034, 0.3122



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.



57.0627, 0.2818, 0.2736



57.8403, 0.2749, 0.2615



60.5428, 0.2990, 0.2763



15.9924, 0.2992, 0.3046



3.6569, 0.1526, 0.0615



0.3436, 0.1588, 0.0649

Inverse Universe

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



63.8640, 0.3180, 0.2828



66.6517, 0.3192, 0.2737



82.4884, 0.3241, 0.3825



16.7432, 0.3151, 0.3076



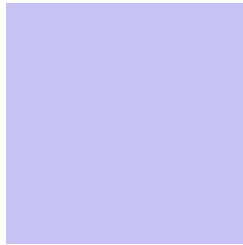
13.3867, 0.3430, 0.1663



1.1834, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 57.0604, 0.2818, 0.2736 looks on a white background.

Color Contrast Check

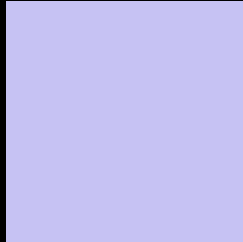
Large Text (above 18pt) WCAG AA × Fail

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 57.0604, 0.2818, 0.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

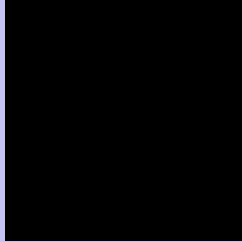
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0604, 0.2818, 0.2736

Background



This preview shows how black text looks on a background with the Yxy color 57.0604, 0.2818, 0.2736.



This preview shows how white text looks on a background with the Yxy color 57.0604, 0.2818, 0.2736.

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

57.0604, 0.2818, 0.2736

Protanopia

57.2164, 0.2739, 0.2740

Deuteranopia

57.2370, 0.2804, 0.2746



Tritanopia

57.0906, 0.2969, 0.3099

Trichromacy



Original Color

57.0604, 0.2818, 0.2736

Protanomaly

57.2180, 0.2771, 0.2743

Deuteranomaly

57.3716, 0.2811, 0.2747

Tritanomaly

56.9708, 0.2915, 0.2962

Monochromacy



Original Color

57.0604, 0.2818, 0.2736

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6254, 0.3014, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0604, 0.2818, 0.2736 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(198, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 243)  
}
```

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(198, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 243) }
```

Border

The CSS property to change the border of an element to Yxy 57.0604, 0.2818, 0.2736 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(198, 194, 243) }
```

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

```
.border{ border-color:rgb(198, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0604, 0.2818, 0.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 243) }
```

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

```
.background{ background-color: rgb(198,  
194, 243) }
```

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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