

Converting Colors

$Y_{xy}(40.6067, 0.3167, 0.2840)$

Have a look what the booklet for
Yxy(40.6067, 0.3167, 0.2840)
contains.

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Color

Yxy(40.6067, 0.3167, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	C59FC3
RGB	197, 159, 195
RGB Percent	77%, 62%, 76%
CMY	0.2273, 0.3765, 0.2352
CMYK	0.00, 0.19, 0.01, 0.23
HSL	303°, 25%, 70%
HSV	303°, 19%, 77%
XYZ	45.2822, 40.6067, 57.0924
YIQ	174.4660, 11.0920, 19.2520

Conversions

Conversions Part 2

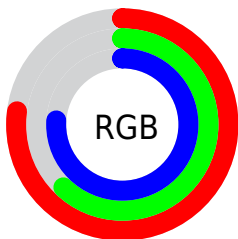
Format	Color
R_{YB}	197, 159, 195
Decimal	12951491
CIE _{Lab}	69.90, 20.25, -13.17
CIE _{LCh}	70, 24.161, 326.960
Yxy	40.6067, 0.3167, 0.2840
Android (android.graphics.Color)	4291141571 (0xFFC59FC3)
YUV	174.4660, 10.1233, 19.7623
Hunter-Lab	63.7234, 15.3272, -8.5140

Details

The Yxy color **40.6067, 0.3167, 0.2840** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8903, 0.3088, 0.3785**, and the grayscale version is **42.5247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1922, 0.3159, 0.2918**, and **18.2781, 0.3180, 0.2717** is the 20% darker color. If you saturate the color by 10%, you get **34.3171, 0.3190, 0.2604**, and if you desaturate by 10%, it is **47.9803, 0.3146, 0.3076**.

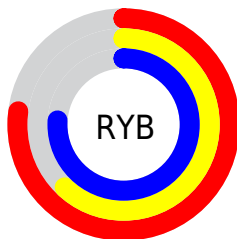
Distribution



Red (77%)

Green (62%)

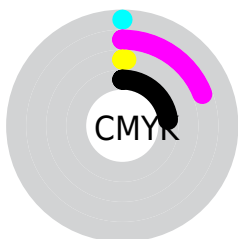
Blue (76%)



Red (77%)

Yellow (62%)

Blue (76%)

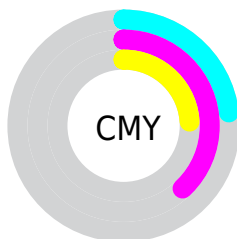


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (23%)



Cyan (23%)


Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6067, 0.3167, 0.2840 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 40.6067, 0.3167, 0.2840 by changing the saturation by 10% instead.


 40.6067, 0.3167,
0.2840


 40.6067, 0.3167,
0.2840


348.6741, 0.3150,
0.3062

 28.0119, 0.3170,
0.2785


 76.0865, 0.3162,
0.2920

 18.3346, 0.3174,
0.2716


 99.7403, 0.3159,
0.2950

 11.1905, 0.3178,
0.2625


127.8492, 0.3157,
0.2976

 6.1951, 0.3182,
0.2499

160.7976, 0.3155,
0.2998

 2.9641, 0.3184,
0.2316

198.9699, 0.3154,
0.3017

 1.1130, 0.3178,
0.2028

242.7505, 0.3152,

 0.0000, 0.3474,

0.3034

0.0000

292.5238, 0.3151,
0.3049

0.0000, 0.0000,
0.0000

40.6067, 0.3167,
0.2840

40.6067, 0.3167,
0.2840

34.3171, 0.3190,
0.2604

47.9803, 0.3146,
0.3076

29.0550, 0.3214,
0.2375

56.4802, 0.3126,
0.3306

24.7671, 0.3239,
0.2163

66.1531, 0.3108,
0.3524

21.3930, 0.3264,
0.1978

77.0412, 0.3092,
0.3729

18.8656, 0.3287,
0.1827

87.5756, 0.3080,
0.3895

■ 17.1088, 0.3309,
0.1717

■ 87.6246, 0.3074,
0.3883

■ 16.0325, 0.3328,
0.1650

■ 87.6739, 0.3068,
0.3871

■ 15.4786, 0.3346,
0.1619

■ 87.7235, 0.3062,
0.3859

■ 15.4459, 0.3347,
0.1617

■ 87.7735, 0.3057,
0.3847

Harmonies

Analogous

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



40.6067, 0.2824, 0.2722



40.6067, 0.3167, 0.2840



40.6067, 0.3517, 0.3062

Triad

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



40.6067, 0.3167, 0.2840



40.6067, 0.3695, 0.3848



40.6067, 0.2527, 0.3182

Complementary

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



40.6067, 0.3167, 0.2840



49.8903, 0.3088, 0.3785

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.



40.6067, 0.2737, 0.3524



40.6067, 0.3167, 0.2840



40.6067, 0.3409, 0.3924

Square

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



40.6067, 0.3167, 0.2840



40.6067, 0.3830, 0.3628



40.6067, 0.3057, 0.3808



40.6067, 0.2470, 0.2897

Rectangle

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



40.6067, 0.3167, 0.2840



40.6067, 0.3700, 0.3246



40.6067, 0.3057, 0.3808



40.6067, 0.2581, 0.3295

Sweetspot

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



40.6085, 0.3167, 0.2840



90.5717, 0.3139, 0.3151



36.3913, 0.2826, 0.2768



19.1763, 0.3140, 0.3135



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.



40.6085, 0.3167, 0.2840



67.9198, 0.3176, 0.2744



39.8063, 0.3339, 0.3071



10.8066, 0.3146, 0.3074



10.1598, 0.3345, 0.1616



0.4841, 0.3314, 0.1599

Inverse Universe

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



40.6085, 0.3167, 0.2840



67.9198, 0.3176, 0.2744



50.6088, 0.2956, 0.3520



10.8066, 0.3146, 0.3074



10.1598, 0.3345, 0.1616



0.4841, 0.3314, 0.1599

Previews

White Background



This preview shows how the Yxy color 40.6067, 0.3167, 0.2840 looks on a white background.

Color Contrast Check

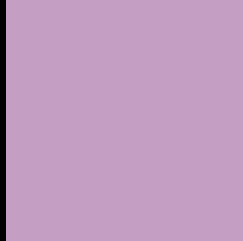
Large Text (above 18pt) WCAG AA × Fail

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 40.6067, 0.3167, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

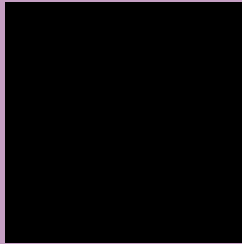
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6067, 0.3167, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 40.6067, 0.3167, 0.2840.



This preview shows how white text looks on a background with the Yxy color 40.6067, 0.3167, 0.2840.

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

40.6067, 0.3167, 0.2840

Protanopia

41.0131, 0.2831, 0.2864

Deuteranopia

40.8796, 0.2993, 0.2935



Tritanopia

40.4051, 0.3316, 0.3122

Trichromacy



Original Color

40.6067, 0.3167, 0.2840

Protanomaly

40.7431, 0.2953, 0.2859

Deuteranomaly

40.6363, 0.3055, 0.2902

Tritanomaly

40.4692, 0.3263, 0.3022

Monochromacy



Original Color

40.6067, 0.3167, 0.2840

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6984, 0.3135, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6067, 0.3167, 0.2840 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(197, 159, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 159, 195)  
}
```

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(197, 159, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 159, 195) }
```

Border

The CSS property to change the border of an element to Yxy 40.6067, 0.3167, 0.2840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

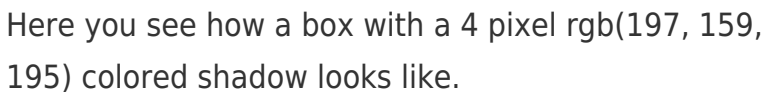
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 159, 195) }
```

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

```
.border{ border-color:rgb(197, 159, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 159, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 159, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 159, 195); box-shadow:4px 4px 4px 4px rgb(197, 159, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6067, 0.3167, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 159, 195) }
```

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

```
.background{ background-color: rgb(197,  
159, 195) }
```

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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