

Converting Colors

Yxy(36.8169, 0.3148, 0.2663)

Have a look what the booklet for
Yxy(36.8169, 0.3148, 0.2663)
contains.

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Color

Yxy(36.7690, 0.3156, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	C593C5
RGB	197, 147, 197
RGB Percent	77%, 58%, 77%
CMY	0.2276, 0.4234, 0.2275
CMYK	0.00, 0.25, 0.00, 0.23
HSL	300°, 30%, 67%
HSV	300°, 25%, 77%
XYZ	43.5270, 36.7690, 57.6222
YIQ	167.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

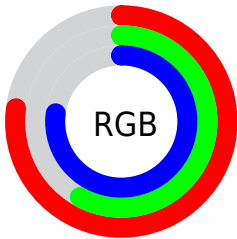
Format	Color
RYB	197, 147, 197
Decimal	12948421
CIELab	67.10, 27.19, -18.49
CIELCh	67, 32.886, 325.785
Yxy	36.7690, 0.3156, 0.2666
Android (android.graphics.Color)	4291138501 (0xFFC593C5)
YUV	167.6500, 14.4695, 25.7399
Hunter-Lab	60.6374, 22.0160, -13.8956

Details

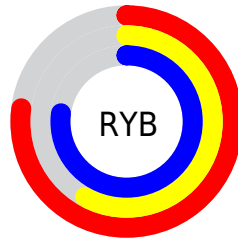
The Yxy color **36.7690, 0.3156, 0.2666** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.2471, 0.3094, 0.4004**, and the grayscale version is **38.9000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.9999, 0.3152, 0.2770**, and **16.1886, 0.3164, 0.2502** is the 20% darker color. If you saturate the color by 10%, you get **31.1558, 0.3167, 0.2423**, and if you desaturate by 10%, it is **43.4345, 0.3145, 0.2914**.

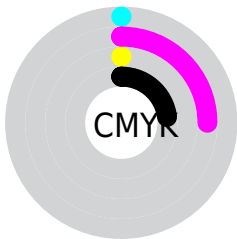
Distribution



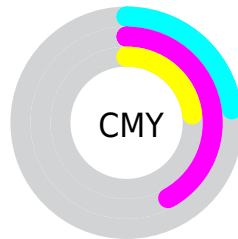
- Red (77%)
- Green (58%)
- Blue (77%)



- Red (77%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7690, 0.3156, 0.2666 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 36.7690, 0.3156, 0.2666 by changing the saturation by 10% instead.


 36.7690, 0.3156,
0.2666


 36.7690, 0.3156,
0.2666

332.3093, 0.3147,
0.2974

 25.0287, 0.3156,
0.2591


 70.2174, 0.3154,
0.2777

 16.0984, 0.3156,
0.2495


 92.6942, 0.3153,
0.2819

 9.5938, 0.3153,
0.2369


119.5187, 0.3152,
0.2855

 5.1305, 0.3145,
0.2197

151.0752, 0.3151,
0.2885

 2.3240, 0.3126,
0.1949

187.7481, 0.3150,
0.2912

 0.7864, 0.3076,
0.1561

229.9218, 0.3149,

 0.0000, 0.2756,

0.2935

0.0000

277.9808, 0.3148,
0.2956

0.0000, 0.0000,
0.0000

36.7690, 0.3156,
0.2666

36.7690, 0.3156,
0.2666

31.1558, 0.3167,
0.2423

43.4345, 0.3145,
0.2914

26.5367, 0.3178,
0.2196

51.1972, 0.3133,
0.3161

22.8552, 0.3187,
0.1992

60.1051, 0.3122,
0.3399

20.0471, 0.3195,
0.1822

70.2020, 0.3112,
0.3625

18.0401, 0.3201,
0.1691

81.5294, 0.3102,
0.3836

16.7506, 0.3204,
0.1602

87.4287, 0.3097,
0.3932

16.0760, 0.3206,
0.1555

87.4311, 0.3098,
0.3932

15.8766, 0.3207,
0.1540

87.4335, 0.3098,
0.3932

87.4359, 0.3098,
0.3932

Harmonies

Analogous

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



36.7690, 0.2684, 0.2511



36.7690, 0.3156, 0.2666



36.7690, 0.3656, 0.2958

Triad

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



36.7690, 0.3156, 0.2666



36.7690, 0.3928, 0.4050



36.7690, 0.2306, 0.3142

Complementary

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



36.7690, 0.3156, 0.2666



48.2471, 0.3094, 0.4004

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.



36.7690, 0.2594, 0.3640



36.7690, 0.3156, 0.2666



36.7690, 0.3527, 0.4193

Square

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



36.7690, 0.3156, 0.2666



36.7690, 0.4118, 0.3725



36.7690, 0.3037, 0.4050



36.7690, 0.2224, 0.2744

Rectangle

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



36.7690, 0.3156, 0.2666



36.7690, 0.3924, 0.3202



36.7690, 0.3037, 0.4050



36.7690, 0.2380, 0.3305

Sweetspot

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



36.7706, 0.3156, 0.2666



87.6644, 0.3136, 0.3093



31.3728, 0.2696, 0.2588



18.2995, 0.3138, 0.3056



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.



36.7706, 0.3156, 0.2666



60.5071, 0.3162, 0.2541



35.7568, 0.3389, 0.2956



10.8161, 0.3138, 0.3062



10.4437, 0.3207, 0.1540



0.4947, 0.3207, 0.1541

Inverse Universe

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



34.8546, 0.3657, 0.3291



56.5374, 0.3805, 0.3291



49.0825, 0.2928, 0.3650



10.6371, 0.3289, 0.3290



7.8080, 0.6400, 0.3299



0.3698, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 36.7690, 0.3156, 0.2666 looks on a white background.

Color Contrast Check

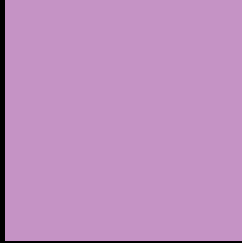
Large Text (above 18pt) WCAG AA × Fail

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 36.7690, 0.3156, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

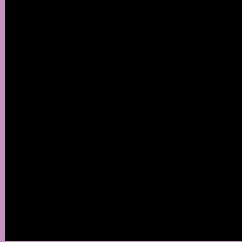
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7690, 0.3156, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 36.7690, 0.3156, 0.2666.



This preview shows how white text looks on a background with the Yxy color 36.7690, 0.3156, 0.2666.

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

36.7690, 0.3156, 0.2666

Protanopia

37.0211, 0.2683, 0.2675

Deuteranopia

36.9743, 0.2870, 0.2812



Tritanopia

36.8365, 0.3416, 0.3132

Trichromacy



Original Color

36.7690, 0.3156, 0.2666

Protanomaly

36.7506, 0.2840, 0.2677

Deuteranomaly

36.6583, 0.2966, 0.2747

Tritanomaly

36.7769, 0.3312, 0.2953

Monochromacy



Original Color

36.7690, 0.3156, 0.2666

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.9800, 0.3139, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7690, 0.3156, 0.2666 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, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 147, 197)  
}
```

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, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 147, 197) }
```

Border

The CSS property to change the border of an element to Yxy 36.7690, 0.3156, 0.2666 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, 147, 197) }
```

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

```
.border{ border-color:rgb(197, 147, 197) }
```

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

Here you see how a box with a 4 pixel rgb(197, 147, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 147,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7690, 0.3156, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 147, 197) }
```

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

```
.background{ background-color: rgb(197,  
147, 197) }
```

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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