

Converting Colors

Yxy(36.0817, 0.3145, 0.2624)

Have a look what the booklet for
Yxy(36.0817, 0.3145, 0.2624)
contains.

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Color

Yxy(36.1983, 0.3148, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	C591C6
RGB	197, 145, 198
RGB Percent	77%, 57%, 78%
CMY	0.2275, 0.4313, 0.2234
CMYK	0.01, 0.27, 0.00, 0.22
HSL	299°, 32%, 67%
HSV	299°, 27%, 78%
XYZ	43.3443, 36.1983, 58.1458
YIQ	166.5900, 13.9790, 27.5070

Conversions

Conversions Part 2

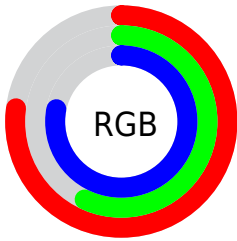
Format	Color
RYB	197, 145, 198
Decimal	12947910
CIELab	66.67, 28.52, -19.73
CIELCh	67, 34.675, 325.329
Yxy	36.1983, 0.3148, 0.2629
Android (android.graphics.Color)	4291137990 (0xFFC591C6)
YUV	166.5900, 15.4851, 26.6696
Hunter-Lab	60.1650, 23.3069, -15.1847

Details

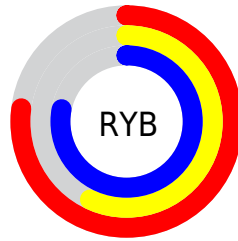
The Yxy color $36.1983, 0.3148, 0.2629$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $48.5616, 0.3099, 0.4049$, and the grayscale version is $38.3532, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.1377, 0.3145, 0.2741$, and $15.7698, 0.3139, 0.2452$ is the 20% darker color. If you saturate the color by 10%, you get $30.6135, 0.3155, 0.2386$, and if you desaturate by 10%, it is $42.8413, 0.3141, 0.2878$.

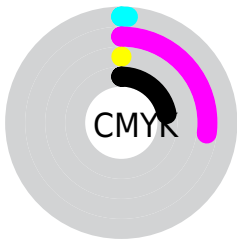
Distribution



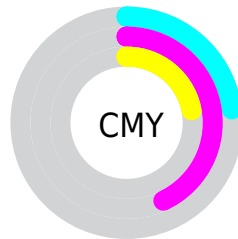
- Red (77%)
- Green (57%)
- Blue (78%)



- Red (77%)
- Yellow (57%)
- Blue (78%)



- Cyan (1%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)




- Cyan (23%)
- Magenta (43%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1983, 0.3148, 0.2629 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 36.1983, 0.3148, 0.2629 by changing the saturation by 10% instead.


 36.1983, 0.3148,
0.2629


 36.1983, 0.3148,
0.2629

329.8264, 0.3144,
0.2955

 24.5874, 0.3147,
0.2549


 69.3380, 0.3148,
0.2746

 15.7699, 0.3144,
0.2448


 91.6356, 0.3148,
0.2791

 9.3615, 0.3138,
0.2315


118.2642, 0.3147,
0.2828

 4.9777, 0.3126,
0.2134

149.6083, 0.3147,
0.2861

 2.2342, 0.3099,
0.1875

186.0521, 0.3146,
0.2889

 0.7385, 0.3037,
0.1466

227.9802, 0.3145,

 0.0000, 0.2613,

0.2914

0.0000

275.7768, 0.3145,
0.2936

0.0000, 0.0000,
0.0000

36.1983, 0.3148,
0.2629

36.1983, 0.3148,
0.2629

30.6135, 0.3155,
0.2386

42.8413, 0.3141,
0.2878

26.0273, 0.3160,
0.2158

50.5884, 0.3133,
0.3126

22.3817, 0.3164,
0.1956

59.4887, 0.3125,
0.3366

19.6106, 0.3166,
0.1787

69.5869, 0.3116,
0.3594

17.6396, 0.3166,
0.1658

80.9255, 0.3109,
0.3807

■ 16.3816, 0.3165,
0.1572

■ 87.7848, 0.3106,
0.3917

■ 15.7214, 0.3161,
0.1525

■ 87.8383, 0.3108,
0.3917

■ 15.5662, 0.3160,
0.1514

■ 87.8918, 0.3110,
0.3916

■ 87.9455, 0.3113,
0.3916

Harmonies

Analogous

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



36.1983, 0.2652, 0.2469



36.1983, 0.3148, 0.2629



36.1983, 0.3680, 0.2933

Triad

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



36.1983, 0.3148, 0.2629



36.1983, 0.3978, 0.4087



36.1983, 0.2263, 0.3138

Complementary

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



36.1983, 0.3148, 0.2629



48.5616, 0.3099, 0.4049

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.



36.1983, 0.2568, 0.3669



36.1983, 0.3148, 0.2629



36.1983, 0.3555, 0.4249

Square

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



36.1983, 0.3148, 0.2629



36.1983, 0.4177, 0.3739



36.1983, 0.3037, 0.4104



36.1983, 0.2175, 0.2715

Rectangle

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



36.1983, 0.3148, 0.2629



36.1983, 0.3967, 0.3189



36.1983, 0.3037, 0.4104



36.1983, 0.2342, 0.3311

Sweetspot

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



36.1999, 0.3148, 0.2629



87.5919, 0.3134, 0.3093



30.8960, 0.2670, 0.2556



18.2811, 0.3135, 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.



36.1999, 0.3148, 0.2629



58.2179, 0.3152, 0.2489



35.2906, 0.3399, 0.2926



10.8056, 0.3135, 0.3062



10.1244, 0.3161, 0.1515



0.4828, 0.3171, 0.1521

Inverse Universe

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



34.3393, 0.3686, 0.3278



54.3961, 0.3853, 0.3275



49.3148, 0.2923, 0.3686



10.6403, 0.3287, 0.3286



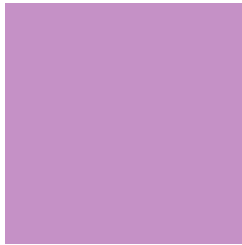
7.8147, 0.6377, 0.3286



0.3712, 0.6291, 0.3239

Previews

White Background



This preview shows how the Yxy color 36.1983, 0.3148, 0.2629 looks on a white background.

Color Contrast Check

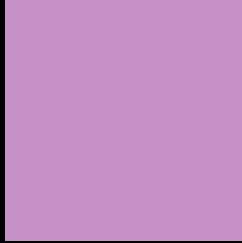
Large Text (above 18pt) WCAG AA × Fail

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 36.1983, 0.3148, 0.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

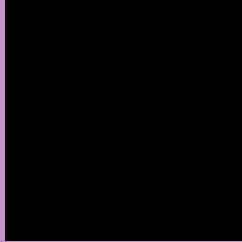
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.1983, 0.3148, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 36.1983, 0.3148, 0.2629.



This preview shows how white text looks on a background with the Yxy color 36.1983, 0.3148, 0.2629.

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

36.1983, 0.3148, 0.2629

Protanopia

36.5772, 0.2653, 0.2634

Deuteranopia

36.4178, 0.2852, 0.2796



Tritanopia

36.3073, 0.3428, 0.3145

Trichromacy



Original Color

36.1983, 0.3148, 0.2629

Protanomaly

36.0660, 0.2814, 0.2624

Deuteranomaly

36.2107, 0.2957, 0.2732

Tritanomaly

36.0988, 0.3325, 0.2939

Monochromacy



Original Color

36.1983, 0.3148, 0.2629

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.4756, 0.3139, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1983, 0.3148, 0.2629 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, 145, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 145, 198)  
}
```

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, 145, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 145, 198) }
```

Border

The CSS property to change the border of an element to Yxy 36.1983, 0.3148, 0.2629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

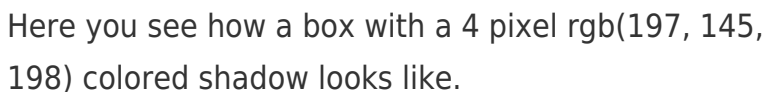
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 145, 198) }
```

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

```
.border{ border-color:rgb(197, 145, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 145, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 145, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 145, 198); box-shadow:4px 4px 4px 4px rgb(197, 145, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1983, 0.3148, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 145, 198) }
```

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

```
.background{ background-color: rgb(197,  
145, 198) }
```

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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