

Converting Colors

$Y_{xy}(36.4800, 0.3131, 0.2978)$

Have a look what the booklet for
Yxy(36.4800, 0.3131, 0.2978)
contains.

Yxy(36.4966, 0.3132, 0.2978)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.4966, 0.3132, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	B29CB3
RGB	178, 156, 179
RGB Percent	70%, 61%, 70%
CMY	0.3020, 0.3882, 0.2980
CMYK	0.01, 0.13, 0.00, 0.30
HSL	297°, 13%, 66%
HSV	297°, 13%, 70%
XYZ	38.3839, 36.4966, 47.6735
YIQ	165.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

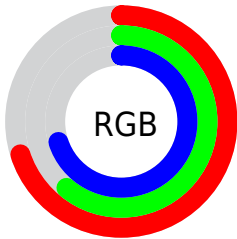
Format	Color
R_{YB}	178, 156, 179
Decimal	11705523
CIE _{Lab}	66.90, 12.26, -8.94
CIE _{LCh}	67, 15.176, 323.897
Yxy	36.4966, 0.3132, 0.2978
Android (android.graphics.Color)	4289895603 (0xFFB29CB3)
YUV	165.2000, 6.8034, 11.2256
Hunter-Lab	60.4124, 7.6909, -4.4991

Details

The Yxy color **36.4966, 0.3132, 0.2978** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8151, 0.3120, 0.3621**, and the grayscale version is **37.6929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0791, 0.3132, 0.3039**, and **15.9695, 0.3132, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **30.8327, 0.3135, 0.2729**, and if you desaturate by 10%, it is **43.0495, 0.3128, 0.3222**.

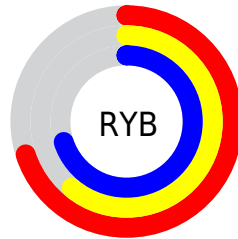
Distribution



Red (70%)

Green (61%)

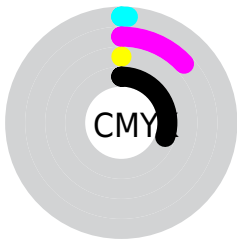
Blue (70%)



Red (70%)

Yellow (61%)

Blue (70%)

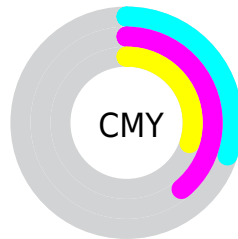


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (30%)


Magenta (39%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4966, 0.3132, 0.2978 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 36.4966, 0.3132, 0.2978 by changing the saturation by 10% instead.


 36.4966, 0.3132,
0.2978


 36.4966, 0.3132,
0.2978


331.1259, 0.3131,
0.3137

 24.8180, 0.3132,
0.2937


 69.7979, 0.3132,
0.3036

 15.9415, 0.3131,
0.2885


 92.1893, 0.3132,
0.3058

 9.4828, 0.3130,
0.2814


118.9205, 0.3132,
0.3076

 5.0574, 0.3127,
0.2713

150.3757, 0.3132,
0.3092

 2.2810, 0.3119,
0.2559

186.9395, 0.3131,
0.3105

 0.7636, 0.3103,
0.2281


228.9962, 0.3131,

 0.0000, 0.0000,

0.3117


0.0000

276.9302, 0.3131,
0.3128


 36.4966, 0.3132,
0.2978


 36.4966, 0.3132,
0.2978


 30.8327, 0.3135,
0.2729


 43.0495, 0.3128,
0.3222


 26.0146, 0.3136,
0.2482


 50.5230, 0.3124,
0.3456

 22.0025, 0.3136,
0.2245

 58.9528, 0.3119,
0.3676

 18.7513, 0.3134,
0.2028

 68.3714, 0.3114,
0.3880

 16.2118, 0.3130,
0.1840

 78.8097, 0.3109,
0.4068

■ 14.3290, 0.3123,
0.1689

■ 84.8116, 0.3108,
0.4160

■ 13.0396, 0.3116,
0.1579

■ 84.9090, 0.3113,
0.4159

■ 12.2682, 0.3106,
0.1511

■ 85.0069, 0.3118,
0.4158

■ 11.9216, 0.3099,
0.1481

■ 85.1054, 0.3123,
0.4157

Harmonies

Analogous

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



36.4966, 0.2910, 0.2909



36.4966, 0.3132, 0.2978



36.4966, 0.3360, 0.3123

Triad

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



36.4966, 0.3132, 0.2978



36.4966, 0.3513, 0.3646



36.4966, 0.2741, 0.3247

Complementary

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



36.4966, 0.3132, 0.2978



41.8151, 0.3120, 0.3621

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.



36.4966, 0.2892, 0.3463



36.4966, 0.3132, 0.2978



36.4966, 0.3337, 0.3699

Square

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



36.4966, 0.3132, 0.2978



36.4966, 0.3585, 0.3502



36.4966, 0.3109, 0.3632



36.4966, 0.2690, 0.3054

Rectangle

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



36.4966, 0.3132, 0.2978



36.4966, 0.3483, 0.3246



36.4966, 0.3109, 0.3632



36.4966, 0.2781, 0.3320

Sweetspot

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



36.4982, 0.3132, 0.2978



75.5759, 0.3129, 0.3193



34.4909, 0.2927, 0.2975



16.5402, 0.3129, 0.3175



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.4982, 0.3132, 0.2978



62.7789, 0.3133, 0.2918



36.2159, 0.3237, 0.3117



8.6272, 0.3131, 0.3065



8.4311, 0.3100, 0.1482



0.2711, 0.3133, 0.1499

Inverse Universe

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



35.7994, 0.3347, 0.3276



61.3204, 0.3396, 0.3274



42.0788, 0.3031, 0.3470



8.5112, 0.3280, 0.3280



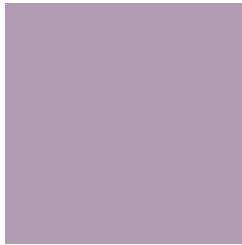
6.7872, 0.6342, 0.3268



0.2156, 0.6106, 0.3138

Previews

White Background



This preview shows how the Yxy color 36.4966, 0.3132, 0.2978 looks on a white background.

Color Contrast Check

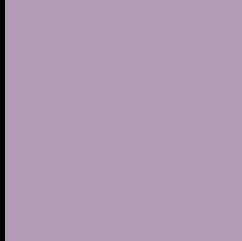
Large Text (above 18pt) WCAG AA × Fail

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 36.4966, 0.3132, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

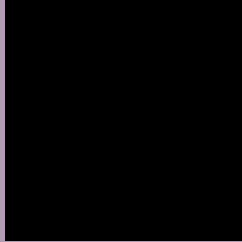
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4966, 0.3132, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 36.4966, 0.3132, 0.2978.



This preview shows how white text looks on a background with the Yxy color 36.4966, 0.3132, 0.2978.

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

36.4966, 0.3132, 0.2978

Protanopia

36.7331, 0.2931, 0.2994

Deuteranopia

36.3663, 0.3065, 0.3000



Tritanopia

36.7031, 0.3203, 0.3125

Trichromacy



Original Color

36.4966, 0.3132, 0.2978

Protanomaly

36.7345, 0.3002, 0.2985

Deuteranomaly

36.3673, 0.3094, 0.2988

Tritanomaly

36.4782, 0.3176, 0.3071

Monochromacy



Original Color

36.4966, 0.3132, 0.2978

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2890, 0.3132, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4966, 0.3132, 0.2978 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(178, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 179)  
}
```

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(178, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 179) }
```

Border

The CSS property to change the border of an element to Yxy 36.4966, 0.3132, 0.2978 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(178, 156, 179) }
```

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

```
.border{ border-color:rgb(178, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4966, 0.3132, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 156, 179) }
```

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

```
.background{ background-color: rgb(178,  
156, 179) }
```

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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