

Converting Colors

$Yxy(27.1008, 0.3477, 0.3008)$

Have a look what the booklet for
Yxy(27.1008, 0.3477, 0.3008)
contains.

Yxy(27.1857, 0.3476, 0.3016)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.1857, 0.3476, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	B18194
RGB	177, 129, 148
RGB Percent	69%, 51%, 58%
CMY	0.3058, 0.4942, 0.4195
CMYK	0.00, 0.27, 0.16, 0.31
HSL	336°, 24%, 60%
HSV	336°, 27%, 69%
XYZ	31.3321, 27.1857, 31.6205
YIQ	145.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

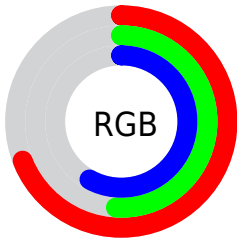
Format	Color
RYB	177, 129, 148
Decimal	11633044
CIELab	59.15, 21.49, -2.88
CIELCh	59, 21.686, 352.362
Yxy	27.1857, 0.3476, 0.3016
Android (android.graphics.Color)	4289823124 (0xFFB18194)
YUV	145.5180, 1.2236, 27.6097
Hunter-Lab	52.1399, 16.0199, 0.5412

Details

The Yxy color **27.1857, 0.3476, 0.3016** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5886, 0.2874, 0.3583**, and the grayscale version is **28.5266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0438, 0.3401, 0.3070**, and **10.7401, 0.3616, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **22.5976, 0.3657, 0.2910**, and if you desaturate by 10%, it is **32.6154, 0.3326, 0.3121**.

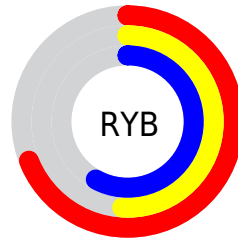
Distribution



Red (69%)

Green (51%)

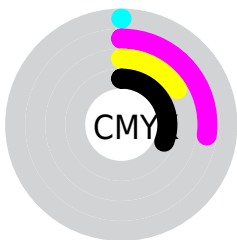
Blue (58%)



Red (69%)

Yellow (51%)

Blue (58%)

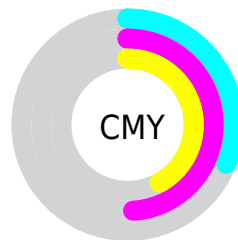


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1857, 0.3476, 0.3016 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 27.1857, 0.3476, 0.3016 by changing the saturation by 10% instead.


 27.1857, 0.3476,
0.3016


 27.1857, 0.3476,
0.3016


288.5551, 0.3287,
0.3163


 17.7127, 0.3529,
0.2976


 55.1817, 0.3404,
0.3072

 10.7439, 0.3600,
0.2921


 74.4736, 0.3377,
0.3092

 5.8949, 0.3702,
0.2844


 97.8071, 0.3356,
0.3109

 2.7813, 0.3859,
0.2727

125.5669, 0.3338,
0.3123

 1.0186, 0.4134,
0.2528

158.1371, 0.3322,
0.3135

 0.0000, 0.8152,
0.0000

195.9023, 0.3309,

 0.0000, 0.0000,

0.3146

0.0000

239.2469, 0.3297,
0.3155

■ 27.1857, 0.3476,
0.3016

■ 27.1857, 0.3476,
0.3016

■ 22.5976, 0.3657,
0.2910

■ 32.6154, 0.3326,
0.3121

■ 18.8050, 0.3871,
0.2809

■ 38.9225, 0.3202,
0.3222

■ 15.7627, 0.4120,
0.2722

■ 46.1452, 0.3100,
0.3316

■ 13.4197, 0.4401,
0.2658

■ 54.3182, 0.3016,
0.3404

■ 11.7185, 0.4704,
0.2630

■ 63.4747, 0.2947,
0.3485

■ 10.5921, 0.5011,
0.2649

■ 73.6460, 0.2891,
0.3559

■ 9.9436, 0.5304,
0.2718

■ 84.8621, 0.2844,
0.3627

■ 9.7937, 0.5386,
0.2741

■ 86.7838, 0.2791,
0.3527

■ 87.4154, 0.2738,
0.3406

Harmonies

Analogous

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



27.1857, 0.3111, 0.2803



27.1857, 0.3476, 0.3016



27.1857, 0.3754, 0.3298

Triad

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



27.1857, 0.3476, 0.3016



27.1857, 0.3467, 0.3942



27.1857, 0.2452, 0.2924

Complementary

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



27.1857, 0.3476, 0.3016



38.5886, 0.2874, 0.3583

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.



27.1857, 0.2535, 0.3231



27.1857, 0.3476, 0.3016



27.1857, 0.3110, 0.3853

Square

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



27.1857, 0.3476, 0.3016



27.1857, 0.3743, 0.3834



27.1857, 0.2771, 0.3583



27.1857, 0.2534, 0.2739

Rectangle

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



27.1857, 0.3476, 0.3016



27.1857, 0.3843, 0.3498



27.1857, 0.2771, 0.3583



27.1857, 0.2461, 0.3015

Sweetspot

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



27.1869, 0.3476, 0.3016



68.4821, 0.3213, 0.3212



26.1235, 0.2954, 0.2585



14.4621, 0.3230, 0.3197



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.1869, 0.3476, 0.3016



43.2250, 0.3588, 0.2948



27.9282, 0.3683, 0.3362



8.5592, 0.3227, 0.3200



7.1050, 0.5358, 0.2725



0.2352, 0.4619, 0.2318

Inverse Universe

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



27.1869, 0.3476, 0.3016



43.2250, 0.3588, 0.2948



37.4308, 0.2731, 0.3216



8.5592, 0.3227, 0.3200



7.1050, 0.5358, 0.2725



0.2352, 0.4619, 0.2318

Previews

White Background



This preview shows how the Yxy color 27.1857, 0.3476, 0.3016 looks on a white background.

Color Contrast Check

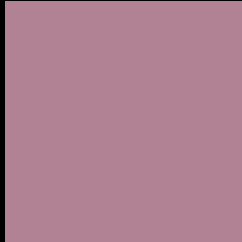
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1857, 0.3476, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

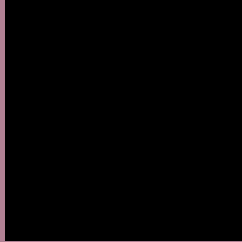
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1857, 0.3476, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 27.1857, 0.3476, 0.3016.



This preview shows how white text looks on a background with the Yxy color 27.1857, 0.3476, 0.3016.

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

27.1857, 0.3476, 0.3016

Protanopia

27.4090, 0.2982, 0.3066

Deuteranopia

27.2208, 0.3232, 0.3165



Tritanopia

27.0888, 0.3555, 0.3145

Trichromacy



Original Color

27.1857, 0.3476, 0.3016

Protanomaly

27.0613, 0.3150, 0.3042

Deuteranomaly

27.2211, 0.3315, 0.3108

Tritanomaly

27.1785, 0.3520, 0.3101

Monochromacy



Original Color

27.1857, 0.3476, 0.3016

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0308, 0.3241, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1857, 0.3476, 0.3016 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(177, 129, 148)` looks like.

```
.text, #text, p{  
    color:rgb(177, 129, 148)  
}
```

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(177, 129, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 129, 148) }
```

Border

The CSS property to change the border of an element to Yxy 27.1857, 0.3476, 0.3016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

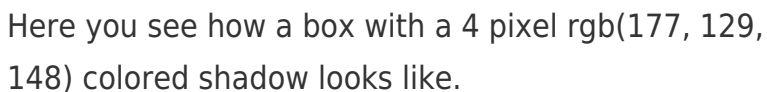
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 129, 148) }
```

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

```
.border{ border-color:rgb(177, 129, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 129, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 129, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 129, 148); box-shadow:4px 4px 4px 4px rgb(177, 129, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1857, 0.3476, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 129, 148) }
```

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

```
.background{ background-color: rgb(177,  
129, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor