

Converting Colors

$Yxy(30.0281, 0.3247, 0.3004)$

Have a look what the booklet for
Yxy(30.0281, 0.3247, 0.3004)
contains.

Yxy(30.1339, 0.3247, 0.3015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.1339, 0.3247, 0.3015)

Conversions

Conversions Part 1

Format	Color
Hex	AA8DA0
RGB	170, 141, 160
RGB Percent	67%, 55%, 63%
CMY	0.3332, 0.4471, 0.3726
CMYK	0.00, 0.17, 0.06, 0.33
HSL	321°, 15%, 61%
HSV	321°, 17%, 67%
XYZ	32.4527, 30.1339, 37.3600
YIQ	151.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

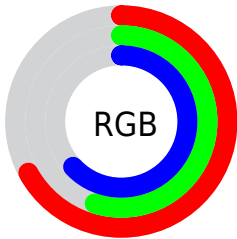
Format	Color
RYB	170, 141, 160
Decimal	11177376
CIELab	61.77, 14.25, -5.93
CIELCh	62, 15.439, 337.408
Yxy	30.1339, 0.3247, 0.3015
Android (android.graphics.Color)	4289367456 (0xFFAA8DA0)
YUV	151.8370, 4.0244, 15.9290
Hunter-Lab	54.8944, 9.4612, -1.9256

Details

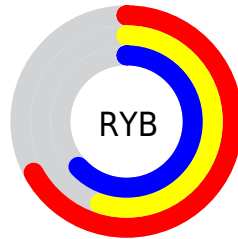
The Yxy color **30.1339, 0.3247, 0.3015** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6604, 0.3024, 0.3582**, and the grayscale version is **31.3060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9441, 0.3217, 0.3069**, and **12.4378, 0.3284, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **25.2993, 0.3334, 0.2847**, and if you desaturate by 10%, it is **35.7507, 0.3173, 0.3179**.

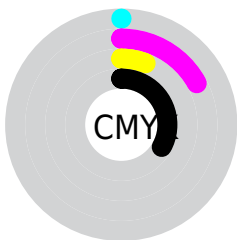
Distribution



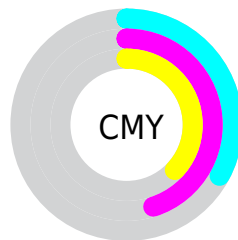
- Red (67%)
- Green (55%)
- Blue (63%)



- Red (67%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1339, 0.3247, 0.3015 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 30.1339, 0.3247, 0.3015 by changing the saturation by 10% instead.


 30.1339, 0.3247,
0.3015


 30.1339, 0.3247,
0.3015


302.5281, 0.3184,
0.3160


 19.9402, 0.3264,
0.2976

 59.8739, 0.3223,
0.3069

 12.3516, 0.3286,
0.2925


 80.1890, 0.3215,
0.3089

 6.9836, 0.3316,
0.2854


 104.6467, 0.3208,
0.3106

 3.4519, 0.3362,
0.2750

133.6314, 0.3202,
0.3120

 1.3719, 0.3435,
0.2579

167.5275, 0.3196,
0.3132

 0.1959, 0.3933,
0.1443

206.7194, 0.3192,

 0.0000, 0.0000,

0.3142

0.0000

251.5914, 0.3188,
0.3151

■ 30.1339, 0.3247,
0.3015

■ 30.1339, 0.3247,
0.3015

■ 25.2993, 0.3334,
0.2847

■ 35.7507, 0.3173,
0.3179

■ 21.2078, 0.3436,
0.2678

■ 42.1787, 0.3110,
0.3335

■ 17.8229, 0.3551,
0.2517

■ 49.4500, 0.3057,
0.3481

■ 15.1033, 0.3681,
0.2371

■ 57.5942, 0.3013,
0.3617

■ 13.0036, 0.3821,
0.2252

■ 66.6392, 0.2977,
0.3742

■ 11.4726, 0.3970,
0.2170

■ 76.6116, 0.2946,
0.3857

■ 10.4506, 0.4121,
0.2133

■ 84.2941, 0.2919,
0.3911

■ 9.8491, 0.4270,
0.2144

■ 84.5765, 0.2889,
0.3841

■ 9.7030, 0.4314,
0.2150

■ 84.8695, 0.2859,
0.3770

Harmonies

Analogous

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



30.1339, 0.2994, 0.2900



30.1339, 0.3247, 0.3015



30.1339, 0.3474, 0.3197

Triad

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



30.1339, 0.3247, 0.3015



30.1339, 0.3470, 0.3717



30.1339, 0.2670, 0.3141

Complementary

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



30.1339, 0.3247, 0.3015



36.6604, 0.3024, 0.3582

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.



30.1339, 0.2787, 0.3374



30.1339, 0.3247, 0.3015



30.1339, 0.3246, 0.3718

Square

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



30.1339, 0.3247, 0.3015



30.1339, 0.3605, 0.3598



30.1339, 0.2996, 0.3591



30.1339, 0.2669, 0.2963

Rectangle

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



30.1339, 0.3247, 0.3015



30.1339, 0.3577, 0.3337



30.1339, 0.2996, 0.3591



30.1339, 0.2697, 0.3216

Sweetspot

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



30.1352, 0.3247, 0.3015



67.0368, 0.3159, 0.3210



28.4991, 0.2949, 0.2851



14.7796, 0.3164, 0.3200



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.1352, 0.3247, 0.3015



51.6211, 0.3274, 0.2960



29.6675, 0.3395, 0.3219



7.6219, 0.3188, 0.3143



7.1452, 0.4299, 0.2142



0.1829, 0.3860, 0.1900

Inverse Universe

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



30.1352, 0.3247, 0.3015



51.6211, 0.3274, 0.2960



37.1486, 0.2912, 0.3362



7.6219, 0.3188, 0.3143



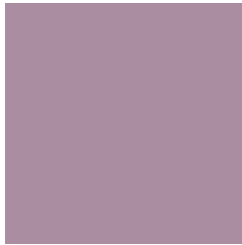
7.1452, 0.4299, 0.2142



0.1829, 0.3860, 0.1900

Previews

White Background



This preview shows how the Yxy color 30.1339, 0.3247, 0.3015 looks on a white background.

Color Contrast Check

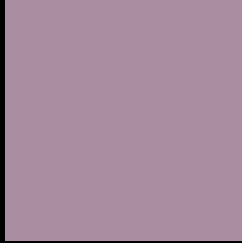
Large Text (above 18pt) WCAG AA × Fail

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 30.1339, 0.3247, 0.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

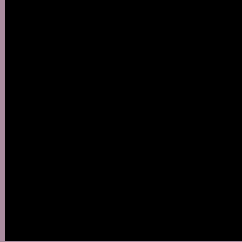
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1339, 0.3247, 0.3015

Background



This preview shows how black text looks on a background with the Yxy color 30.1339, 0.3247, 0.3015.



This preview shows how white text looks on a background with the Yxy color 30.1339, 0.3247, 0.3015.

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

30.1339, 0.3247, 0.3015

Protanopia

30.1923, 0.2970, 0.3030

Deuteranopia

30.1249, 0.3137, 0.3080



Tritanopia

30.0809, 0.3306, 0.3129

Trichromacy



Original Color

30.1339, 0.3247, 0.3015

Protanomaly

29.9631, 0.3068, 0.3019

Deuteranomaly

30.2363, 0.3179, 0.3068

Tritanomaly

30.1813, 0.3275, 0.3086

Monochromacy



Original Color

30.1339, 0.3247, 0.3015

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9173, 0.3173, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1339, 0.3247, 0.3015 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(170, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 160)  
}
```

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(170, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 160) }
```

Border

The CSS property to change the border of an element to Yxy 30.1339, 0.3247, 0.3015 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(170, 141, 160) }
```

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

```
.border{ border-color:rgb(170, 141, 160) }
```

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

Here you see how a box with a 4 pixel rgb(170, 141, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1339, 0.3247, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 160) }
```

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

```
.background{ background-color: rgb(170,  
141, 160) }
```

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