

Converting Colors

$Y_{xy}(29.3989, 0.2905, 0.3018)$

Have a look what the booklet for
Yxy(29.3989, 0.2905, 0.3018)
contains.

Yxy(29.2468, 0.2902, 0.3009)	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(29.2468, 0.2902, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	8D93A5
RGB	141, 147, 165
RGB Percent	55%, 58%, 65%
CMY	0.4471, 0.4235, 0.3530
CMYK	0.15, 0.11, 0.00, 0.35
HSL	225°, 12%, 60%
HSV	225°, 15%, 65%
XYZ	28.2068, 29.2468, 39.7442
YIQ	147.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

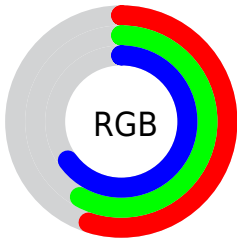
Format	Color
R_{YB}	141, 146, 165
Decimal	9278373
CIE _{Lab}	61.00, 1.62, -10.18
CIE _{LCh}	61, 10.305, 279.034
Yxy	29.2468, 0.2902, 0.3009
Android (android.graphics.Color)	4287468453 (0xFF8D93A5)
YUV	147.2580, 8.7468, -5.4883
Hunter-Lab	54.0803, -1.5399, -5.7166

Details

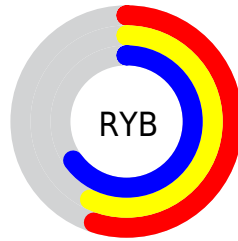
The Yxy color **29.2468, 0.2902, 0.3009** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7020, 0.3352, 0.3556**, and the grayscale version is **29.2555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5427, 0.2950, 0.3067**, and **11.9658, 0.2832, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **24.2682, 0.2732, 0.2787**, and if you desaturate by 10%, it is **34.8562, 0.3060, 0.3208**.

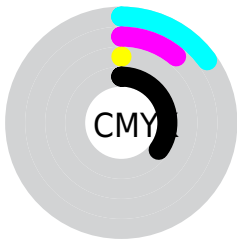
Distribution



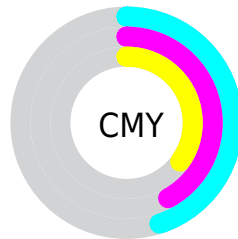
- Red (55%)
- Green (58%)
- Blue (65%)



- Red (55%)
- Yellow (57%)
- Blue (65%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2468, 0.2902, 0.3009 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 29.2468, 0.2902, 0.3009 by changing the saturation by 10% instead.

■ 29.2468, 0.2902,
0.3009

■ 29.2468, 0.2902,
0.3009

■ 298.3777, 0.3023,
0.3159

■ 19.2676, 0.2869,
0.2968

■ 58.4690, 0.2948,
0.3066

■ 11.8638, 0.2824,
0.2913

■ 78.4807, 0.2965,
0.3087

■ 6.6510, 0.2761,
0.2836

■ 102.6055, 0.2979,
0.3104

■ 3.2448, 0.2664,
0.2719

■ 131.2276, 0.2990,
0.3118

■ 1.2608, 0.2501,
0.2525

■ 164.7315, 0.3000,
0.3131

■ 0.1106, 0.1330,
0.1017

■ 203.5015, 0.3009,

■ 0.0000, 0.0000,

0.3142

0.0000

247.9221, 0.3016,
0.3151

■ 29.2468, 0.2902,
0.3009

■ 29.2468, 0.2902,
0.3009

■ 24.2682, 0.2732,
0.2787

■ 34.8562, 0.3060,
0.3208

■ 19.8944, 0.2552,
0.2543

■ 41.1141, 0.3204,
0.3383

■ 16.1026, 0.2367,
0.2280

■ 48.0421, 0.3336,
0.3537

■ 12.8674, 0.2183,
0.2004

■ 55.6594, 0.3454,
0.3672

■ 10.1613, 0.2008,
0.1725

■ 63.9847, 0.3560,
0.3789

■ 7.9543, 0.1851,
0.1455

■ 73.0359, 0.3655,
0.3891

■ 6.2130, 0.1722,
0.1209

■ 82.5492, 0.3729,
0.3982

■ 4.8991, 0.1626,
0.1000

■ 89.8145, 0.3689,
0.4093

■ 4.3286, 0.1584,
0.0903

■ 95.4958, 0.3661,
0.4172

Harmonies

Analogous

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



29.2468, 0.2817, 0.3065



29.2468, 0.2902, 0.3009



29.2468, 0.3048, 0.3026

Triad

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



29.2468, 0.2902, 0.3009



29.2468, 0.3452, 0.3381



29.2468, 0.3031, 0.3483

Complementary

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



29.2468, 0.2902, 0.3009



34.7020, 0.3352, 0.3556

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.



29.2468, 0.3200, 0.3572



29.2468, 0.2902, 0.3009



29.2468, 0.3446, 0.3507

Square

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



29.2468, 0.2902, 0.3009



29.2468, 0.3368, 0.3236



29.2468, 0.3353, 0.3579



29.2468, 0.2891, 0.3339

Rectangle

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



29.2468, 0.2902, 0.3009



29.2468, 0.3161, 0.3074



29.2468, 0.3353, 0.3579



29.2468, 0.3086, 0.3521

Sweetspot

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



29.2480, 0.2902, 0.3009



62.9397, 0.3067, 0.3216



35.0525, 0.2963, 0.3388



13.5916, 0.3056, 0.3203



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.2480, 0.2902, 0.3009



49.8121, 0.2856, 0.2950



27.9282, 0.2955, 0.2919



7.1353, 0.2987, 0.3117



3.3452, 0.1589, 0.0919



0.1404, 0.1776, 0.1592

Inverse Universe

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



29.1511, 0.3327, 0.3200



49.6664, 0.3372, 0.3182



36.2345, 0.3285, 0.3648



7.1138, 0.3247, 0.3234



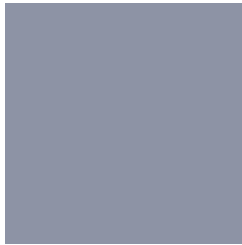
6.1818, 0.5882, 0.3014



0.1370, 0.4941, 0.2495

Previews

White Background



This preview shows how the Yxy color 29.2468, 0.2902, 0.3009 looks on a white background.

Color Contrast Check

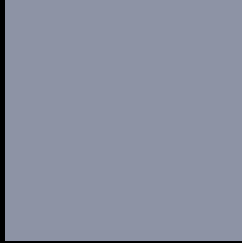
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2468, 0.2902, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

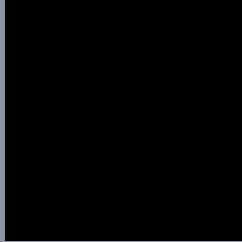
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

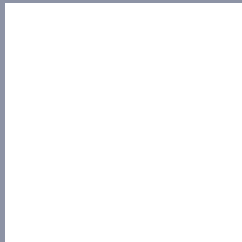
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.2468, 0.2902, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 29.2468, 0.2902, 0.3009.



This preview shows how white text looks on a background with the Yxy color 29.2468, 0.2902, 0.3009.

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

29.2468, 0.2902, 0.3009

Protanopia

29.2578, 0.2949, 0.3011

Deuteranopia

29.1704, 0.3010, 0.2942



Tritanopia

29.2933, 0.2937, 0.3100

Trichromacy



Original Color

29.2468, 0.2902, 0.3009

Protanomaly

29.1674, 0.2939, 0.3010

Deuteranomaly

29.0893, 0.2970, 0.2954

Tritanomaly

29.3639, 0.2919, 0.3069

Monochromacy



Original Color

29.2468, 0.2902, 0.3009

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2203, 0.3041, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2468, 0.2902, 0.3009 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(141, 147, 165)` looks like.

```
.text, #text, p{  
    color:rgb(141, 147, 165)  
}
```

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(141, 147, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 147, 165) }
```

Border

The CSS property to change the border of an element to Yxy 29.2468, 0.2902, 0.3009 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(141, 147, 165) }
```

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

```
.border{ border-color:rgb(141, 147, 165) }
```

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

Here you see how a box with a 4 pixel rgb(141, 147, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 147, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 147, 165);  
box-shadow:4px 4px 4px 4px rgb(141, 147,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2468, 0.2902, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 147, 165) }
```

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

```
.background{ background-color: rgb(141,  
147, 165) }
```

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