

Converting Colors

Yxy(30.0526, 0.2988, 0.3015)

Have a look what the booklet for
Yxy(30.0526, 0.2988, 0.3015)
contains.

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Color

Yxy(30.0681, 0.2989, 0.3016)

Conversions

Conversions Part 1	
Format	Color
Hex	9693A5
RGB	150, 147, 165
RGB Percent	59%, 58%, 65%
CMY	0.4119, 0.4235, 0.3530
CMYK	0.09, 0.11, 0.00, 0.35
HSL	250°, 9%, 61%
HSV	250°, 11%, 65%
XYZ	29.7989, 30.0681, 39.8283
YIQ	149.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

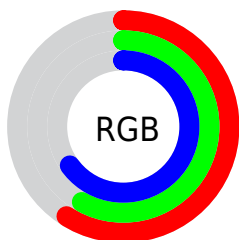
Format	Color
RYB	150, 147, 165
Decimal	9868197
CIELab	61.71, 4.70, -9.05
CIELCh	62, 10.195, 297.456
Yxy	30.0681, 0.2989, 0.3016
Android (android.graphics.Color)	4288058277 (0xFF9693A5)
YUV	149.9490, 7.4201, 0.0447
Hunter-Lab	54.8344, 1.0430, -4.6805

Details

The Yxy color $30.0681, 0.2989, 0.3016$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $36.7009, 0.3257, 0.3555$, and the grayscale version is $30.4449, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.7780, 0.3016, 0.3071$, and $12.2106, 0.2941, 0.2918$ is the 20% darker color. If you saturate the color by 10%, you get $24.0689, 0.2843, 0.2735$, and if you desaturate by 10%, it is $36.9597, 0.3117, 0.3269$.

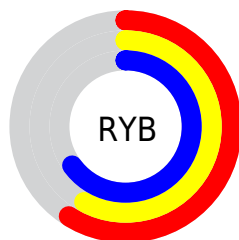
Distribution



Red (59%)

Green (58%)

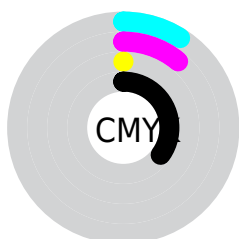
Blue (65%)



Red (59%)

Yellow (58%)

Blue (65%)

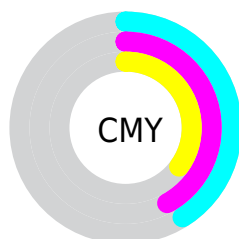


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (41%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0681, 0.2989, 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 30.0681, 0.2989, 0.3016 by changing the saturation by 10% instead.


 30.0681, 0.2989,
0.3016


 30.0681, 0.2989,
0.3016

302.2218, 0.3064,
0.3161

 19.8903, 0.2968,
0.2977


 59.7699, 0.3018,
0.3071

 12.3153, 0.2941,
0.2925

 80.0626, 0.3028,
0.3091

 6.9588, 0.2901,
0.2852


104.4957, 0.3036,
0.3107

 3.4363, 0.2841,
0.2744

133.4537, 0.3043,
0.3121

 1.3636, 0.2737,
0.2565

167.3209, 0.3050,
0.3134

 0.1896, 0.2229,
0.1433


206.4817, 0.3055,


 0.0000, 0.0000,


0.3144

0.0000


251.3205, 0.3060,
0.3153

 30.0681, 0.2989,
0.3016


 30.0681, 0.2989,
0.3016

 24.0689, 0.2843,
0.2735


 36.9597, 0.3117,
0.3269

 18.9217, 0.2680,
0.2427


 44.7742, 0.3227,
0.3493


 14.5888, 0.2501,
0.2100

 53.5454, 0.3322,
0.3689

 11.0281, 0.2313,
0.1766

 63.3042, 0.3403,
0.3861

 8.1937, 0.2122,
0.1443

 74.0802, 0.3472,
0.4010

■ 6.0349, 0.1942,
0.1151

■ 85.9018, 0.3531,
0.4141

■ 4.4941, 0.1783,
0.0912

■ 93.9106, 0.3602,
0.4191

■ 3.5040, 0.1658,
0.0743

■ 95.4965, 0.3661,
0.4172

■ 2.9519, 0.1576,
0.0642

Harmonies

Analogous

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



30.0681, 0.2866, 0.3027



30.0681, 0.2989, 0.3016



30.0681, 0.3152, 0.3074

Triad

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



30.0681, 0.2989, 0.3016



30.0681, 0.3453, 0.3460



30.0681, 0.2943, 0.3396

Complementary

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



30.0681, 0.2989, 0.3016



36.7009, 0.3257, 0.3555

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.



30.0681, 0.3096, 0.3521



30.0681, 0.2989, 0.3016



30.0681, 0.3392, 0.3555

Square

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



30.0681, 0.2989, 0.3016



30.0681, 0.3423, 0.3325



30.0681, 0.3261, 0.3579



30.0681, 0.2840, 0.3244

Rectangle

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



30.0681, 0.2989, 0.3016



30.0681, 0.3262, 0.3143



30.0681, 0.3261, 0.3579



30.0681, 0.2990, 0.3444

Sweetspot

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



30.0694, 0.2989, 0.3016



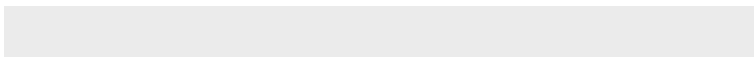
63.3978, 0.3091, 0.3217



34.8667, 0.2963, 0.3249



13.6421, 0.3081, 0.3198



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.



30.0694, 0.2989, 0.3016



51.2011, 0.2957, 0.2953



30.9283, 0.3076, 0.3023



6.9134, 0.3011, 0.3060



2.2486, 0.1583, 0.0646



0.0622, 0.1863, 0.0800

Inverse Universe

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



31.4801, 0.3168, 0.3071



54.2273, 0.3177, 0.3022



35.8181, 0.3173, 0.3561



7.1820, 0.3161, 0.3104



7.4421, 0.3665, 0.1793



0.1614, 0.3476, 0.1688

Previews

White Background



This preview shows how the Yxy color 30.0681, 0.2989, 0.3016 looks on a white background.

Color Contrast Check

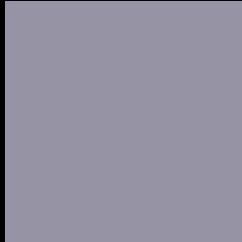
Large Text (above 18pt) WCAG AA × Fail

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 30.0681, 0.2989, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

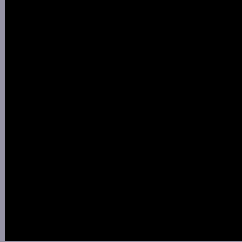
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0681, 0.2989, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 30.0681, 0.2989, 0.3016.



This preview shows how white text looks on a background with the Yxy color 30.0681, 0.2989, 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

30.0681, 0.2989, 0.3016

Protanopia

30.1360, 0.2951, 0.3014

Deuteranopia

30.0353, 0.3049, 0.2990



Tritanopia

30.1074, 0.3025, 0.3105

Trichromacy



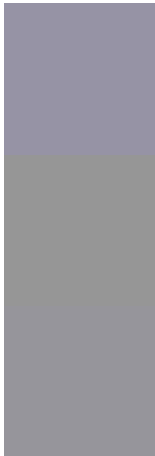
Original Color
30.0681, 0.2989, 0.3016

Protanomaly
30.2289, 0.2961, 0.3015

Deuteranomaly
30.1444, 0.3029, 0.3004

Tritanomaly
30.1780, 0.3007, 0.3075

Monochromacy



Original Color
30.0681, 0.2989, 0.3016

Achromatopsia
30.4987, 0.3127, 0.3290

Achromatomaly
30.3455, 0.3081, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0681, 0.2989, 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(150, 147, 165) looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 147, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 147, 165) }
```

Border

The CSS property to change the border of an element to Yxy 30.0681, 0.2989, 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(150, 147, 165) }
```

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

```
.border{ border-color:rgb(150, 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(150, 147, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 147, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 147, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 147,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0681, 0.2989, 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(150, 147, 165) }
```

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

```
.background{ background-color: rgb(150,  
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](#).

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