

Converting Colors

$Yxy(30.8778, 0.3389, 0.3391)$

Have a look what the booklet for
Yxy(30.8778, 0.3389, 0.3391)
contains.

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Color

Yxy(30.8679, 0.3399, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	A6938C
RGB	166, 147, 140
RGB Percent	65%, 58%, 55%
CMY	0.3489, 0.4235, 0.4511
CMYK	0.00, 0.11, 0.16, 0.35
HSL	16°, 13%, 60%
HSV	16°, 16%, 65%
XYZ	30.8952, 30.8679, 29.1318
YIQ	151.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

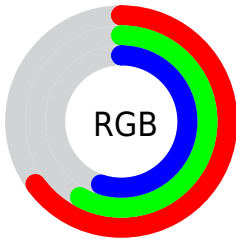
Format	Color
R_{YB}	166, 150, 140
Decimal	10916748
CIE _{Lab}	62.40, 5.87, 6.29
CIE _{LCh}	62, 8.606, 46.976
Yxy	30.8679, 0.3399, 0.3396
Android (android.graphics.Color)	4289106828 (0xFFA6938C)
YUV	151.8830, -5.8583, 12.3806
Hunter-Lab	55.5589, 2.0322, 7.8030

Details

The Yxy color **30.8679, 0.3399, 0.3396** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1241, 0.2891, 0.3182**, and the grayscale version is **31.3687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0405, 0.3337, 0.3370**, and **12.6813, 0.3497, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **26.8412, 0.3615, 0.3469**, and if you desaturate by 10%, it is **35.3688, 0.3217, 0.3327**.

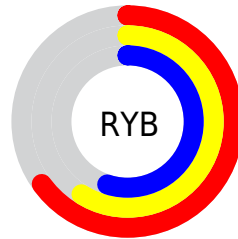
Distribution



Red (65%)

Green (58%)

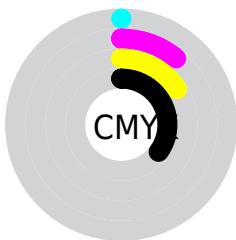
Blue (55%)



Red (65%)

Yellow (59%)

Blue (55%)

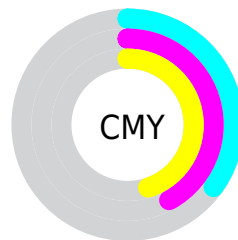


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8679, 0.3399, 0.3396 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 30.8679, 0.3399, 0.3396 by changing the saturation by 10% instead.

 30.8679, 0.3399,
0.3396


 30.8679, 0.3399,
0.3396


305.9293, 0.3253,
0.3341


 20.4983, 0.3439,
0.3411


 61.0320, 0.3343,
0.3375

 12.7578, 0.3493,
0.3430


 81.5953, 0.3323,
0.3368

 7.2620, 0.3570,
0.3456


 106.3253, 0.3307,
0.3361

 3.6265, 0.3687,
0.3494

135.6064, 0.3292,
0.3356

 1.4669, 0.3887,
0.3553

169.8229, 0.3280,
0.3351

 0.2652, 0.5985,
0.4015


209.3593, 0.3270,

 0.0000, 0.0000,


0.3347


0.0000


254.6000, 0.3261,
0.3344

 30.8679, 0.3399,
0.3396


 30.8679, 0.3399,
0.3396


 26.8412, 0.3615,
0.3469


 35.3688, 0.3217,
0.3327


 23.2691, 0.3870,
0.3542


 40.3547, 0.3065,
0.3263

 20.1365, 0.4167,
0.3613

 45.8410, 0.2936,
0.3204

 17.4259, 0.4505,
0.3674

 51.8413, 0.2828,
0.3150

 15.1187, 0.4873,
0.3716

 58.3687, 0.2737,
0.3101

■ 13.1947, 0.5252,
0.3729

■ 65.4358, 0.2659,
0.3056

■ 11.6319, 0.5608,
0.3702

■ 72.9776, 0.2598,
0.3028

■ 10.4051, 0.5905,
0.3633

■ 80.0373, 0.2617,
0.3167

■ 9.9676, 0.6020,
0.3602

■ 86.8493, 0.2633,
0.3289

Harmonies

Analogous

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



30.8679, 0.3349, 0.3278



30.8679, 0.3399, 0.3396



30.8679, 0.3374, 0.3490

Triad

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



30.8679, 0.3399, 0.3396



30.8679, 0.3014, 0.3420



30.8679, 0.2970, 0.3056

Complementary

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



30.8679, 0.3399, 0.3396



33.1241, 0.2891, 0.3182

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.



30.8679, 0.2885, 0.3088



30.8679, 0.3399, 0.3396



30.8679, 0.2910, 0.3297

Square

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



30.8679, 0.3399, 0.3396



30.8679, 0.3151, 0.3507



30.8679, 0.2863, 0.3175



30.8679, 0.3099, 0.3085

Rectangle

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



30.8679, 0.3399, 0.3396



30.8679, 0.3319, 0.3525



30.8679, 0.2863, 0.3175



30.8679, 0.2936, 0.3060

Sweetspot

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



30.8693, 0.3399, 0.3396



64.6850, 0.3207, 0.3323



29.3650, 0.3215, 0.3009



14.3448, 0.3219, 0.3328



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.8693, 0.3399, 0.3396



53.2315, 0.3474, 0.3422



35.1246, 0.3370, 0.3585



7.8592, 0.3279, 0.3352



7.7955, 0.6004, 0.3615



0.2723, 0.5379, 0.4111

Inverse Universe

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



33.1241, 0.2891, 0.3182



58.1498, 0.2836, 0.3154



28.9022, 0.2883, 0.2977



8.1848, 0.2987, 0.3228



12.8661, 0.2002, 0.2407



0.3908, 0.2092, 0.2732

Previews

White Background



This preview shows how the Yxy color 30.8679, 0.3399, 0.3396 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 30.8679, 0.3399, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

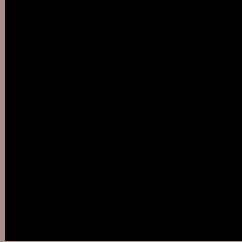
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8679, 0.3399, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 30.8679, 0.3399, 0.3396.



This preview shows how white text looks on a background with the Yxy color 30.8679, 0.3399, 0.3396.

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

30.8679, 0.3399, 0.3396

Protanopia

30.8336, 0.3266, 0.3414

Deuteranopia

30.8862, 0.3433, 0.3380



Tritanopia

30.9759, 0.3261, 0.3129

Trichromacy



Original Color

30.8679, 0.3399, 0.3396

Protanomaly

30.8916, 0.3320, 0.3413

Deuteranomaly

30.7760, 0.3423, 0.3380

Tritanomaly

30.9753, 0.3309, 0.3231

Monochromacy



Original Color

30.8679, 0.3399, 0.3396

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1189, 0.3218, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8679, 0.3399, 0.3396 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(166, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 147, 140)  
}
```

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(166, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 147, 140) }
```

Border

The CSS property to change the border of an element to Yxy 30.8679, 0.3399, 0.3396 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(166, 147, 140) }
```

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

```
.border{ border-color:rgb(166, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 147,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8679, 0.3399, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 147, 140) }
```

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

```
.background{ background-color: rgb(166,  
147, 140) }
```

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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