

Converting Colors

$Yxy(31.1193, 0.3608, 0.4422)$

Have a look what the booklet for
Yxy(31.1193, 0.3608, 0.4422)
contains.

Yxy(30.9979, 0.3607, 0.4416)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9979, 0.3607, 0.4416)

Conversions

Conversions Part 1

Format	Color
Hex	8F9E58
RGB	143, 158, 88
RGB Percent	56%, 62%, 35%
CMY	0.4391, 0.3804, 0.6550
CMYK	0.09, 0.00, 0.44, 0.38
HSL	73°, 28%, 48%
HSV	73°, 44%, 62%
XYZ	25.3192, 30.9979, 13.8775
YIQ	145.5350, 13.5300, -24.9500

Conversions

Conversions Part 2

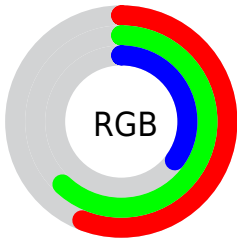
Format	Color
RYB	88, 158, 103
Decimal	9412184
CIELab	62.51, -16.67, 34.71
CIELCh	63, 38.501, 115.657
Yxy	30.9979, 0.3607, 0.4416
Android (android.graphics.Color)	4287602264 (0xFF8F9E58)
YUV	145.5350, -28.3648, -2.2232
Hunter-Lab	55.6758, -16.2577, 24.1947

Details

The Yxy color **30.9979, 0.3607, 0.4416** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3262, 0.2479, 0.2004**, and the grayscale version is **28.6602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4583, 0.3526, 0.4188**, and **12.8927, 0.3712, 0.4807** is the 20% darker color. If you saturate the color by 10%, you get **30.4682, 0.3694, 0.4659**, and if you desaturate by 10%, it is **31.5962, 0.3507, 0.4159**.

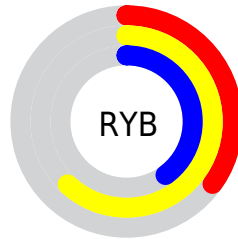
Distribution



Red (56%)

Green (62%)

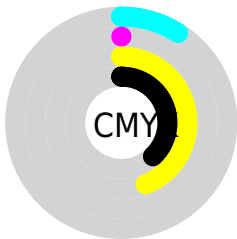
Blue (35%)



Red (35%)

Yellow (62%)

Blue (40%)

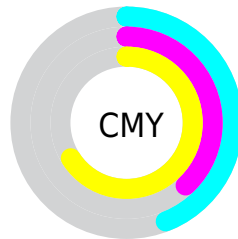


Cyan (9%)

Magenta (0%)

Yellow (44%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9979, 0.3607, 0.4416 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 30.9979, 0.3607, 0.4416 by changing the saturation by 10% instead.


 30.9979, 0.3607,
0.4416


 30.9979, 0.3607,
0.4416


306.5286, 0.3371,
0.3802

 20.5972, 0.3659,
0.4583


 61.2368, 0.3525,
0.4182


 12.8299, 0.3719,
0.4804


 81.8438, 0.3492,
0.4097


 7.3115, 0.3782,
0.5105


 106.6217, 0.3465,
0.4027

 3.6577, 0.3908,
0.5649

 135.9549, 0.3441,
0.3968

 1.4840, 0.3803,
0.6197

 170.2278, 0.3420,
0.3917

 0.2774, 0.0000,
1.0000

209.8248, 0.3402,

 0.0000, 0.0000,

0.3874

0.0000

255.1303, 0.3385,
0.3836

■ 30.9979, 0.3607,
0.4416

■ 30.9979, 0.3607,
0.4416

■ 30.4682, 0.3694,
0.4659

■ 31.5962, 0.3507,
0.4159

■ 29.9992, 0.3763,
0.4877

■ 32.2623, 0.3398,
0.3898

■ 29.5880, 0.3810,
0.5061

■ 33.0009, 0.3286,
0.3640

■ 29.2298, 0.3833,
0.5203


■ 33.8150, 0.3175,
0.3393


■ 28.9187, 0.3831,
0.5301

■ 34.7073, 0.3066,
0.3159

 28.7542, 0.3824,
0.5346

 35.6804, 0.2962,
0.2942

 36.7369, 0.2864,
0.2743

 37.8791, 0.2772,
0.2561

 39.1094, 0.2688,
0.2396

Harmonies

Analogous

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



30.9979, 0.4105, 0.4210



30.9979, 0.3607, 0.4416



30.9979, 0.3007, 0.4253

Triad

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



30.9979, 0.3607, 0.4416



30.9979, 0.2034, 0.2611



30.9979, 0.3778, 0.2880

Complementary

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



30.9979, 0.3607, 0.4416



12.3262, 0.2479, 0.2004

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.



30.9979, 0.3153, 0.2534



30.9979, 0.3607, 0.4416



30.9979, 0.2190, 0.2365

Square

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



30.9979, 0.3607, 0.4416



30.9979, 0.2127, 0.3096



30.9979, 0.2579, 0.2349



30.9979, 0.4235, 0.3325

Rectangle

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



30.9979, 0.3607, 0.4416



30.9979, 0.2632, 0.3931



30.9979, 0.2579, 0.2349



30.9979, 0.3577, 0.2750

Sweetspot

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



30.9993, 0.3607, 0.4416



60.0820, 0.3275, 0.3613



17.4733, 0.4155, 0.3523



13.4785, 0.3298, 0.3667



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.9993, 0.3607, 0.4416



55.3577, 0.3692, 0.4653



28.4075, 0.3255, 0.4557



7.6488, 0.3230, 0.3513



23.0475, 0.3827, 0.5343



0.4286, 0.3984, 0.5219

Inverse Universe

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



12.3262, 0.2479, 0.2004



17.0745, 0.2303, 0.1687



14.7632, 0.2900, 0.2143



6.5002, 0.3019, 0.3061



2.2612, 0.1625, 0.0669



0.0565, 0.1980, 0.0864

Previews

White Background



This preview shows how the Yxy color 30.9979, 0.3607, 0.4416 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 30.9979, 0.3607, 0.4416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

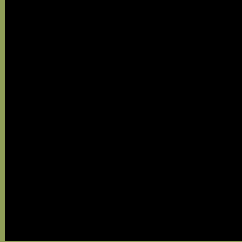
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9979, 0.3607, 0.4416

Background



This preview shows how black text looks on a background with the Yxy color 30.9979, 0.3607, 0.4416.



This preview shows how white text looks on a background with the Yxy color 30.9979, 0.3607, 0.4416.

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

30.9979, 0.3607, 0.4416

Protanopia

30.8961, 0.3928, 0.4268

Deuteranopia

30.7691, 0.4112, 0.4030



Tritanopia

31.0613, 0.3045, 0.3123

Trichromacy



Original Color

30.9979, 0.3607, 0.4416

Protanomaly

31.0522, 0.3810, 0.4328

Deuteranomaly

30.5579, 0.3918, 0.4166

Tritanomaly

30.8933, 0.3265, 0.3591

Monochromacy



Original Color

30.9979, 0.3607, 0.4416

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.3131, 0.3316, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9979, 0.3607, 0.4416 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(143, 158, 88)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 88)  
}
```

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(143, 158, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 88) }
```

Border

The CSS property to change the border of an element to Yxy 30.9979, 0.3607, 0.4416 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(143, 158, 88) }
```

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

```
.border{ border-color:rgb(143, 158, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 88);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9979, 0.3607, 0.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 88) }
```

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

```
.background{ background-color: rgb(143,  
158, 88) }
```

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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