

Converting Colors

$Y_{xy}(30.8217, 0.3425, 0.3407)$

Have a look what the booklet for
Yxy(30.8217, 0.3425, 0.3407)
contains.

Yxy(30.9470, 0.3420, 0.3410)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9470, 0.3420, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	A7938B
RGB	167, 147, 139
RGB Percent	65%, 58%, 55%
CMY	0.3449, 0.4236, 0.4548
CMYK	0.00, 0.12, 0.17, 0.34
HSL	17°, 14%, 60%
HSV	17°, 17%, 66%
XYZ	31.0378, 30.9470, 28.7689
YIQ	152.0680, 14.4880, 1.7520

Conversions

Conversions Part 2

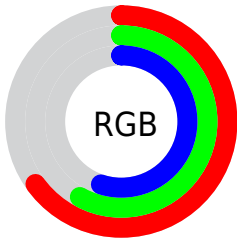
Format	Color
RYB	167, 150, 139
Decimal	10982283
CIELab	62.46, 6.11, 6.94
CIELCh	62, 9.250, 48.649
Yxy	30.9470, 0.3420, 0.3410
Android (android.graphics.Color)	4289172363 (0xFFA7938B)
YUV	152.0680, -6.4425, 13.0954
Hunter-Lab	55.6300, 2.2383, 8.2794

Details

The Yxy color **30.9470, 0.3420, 0.3410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1023, 0.2874, 0.3167**, and the grayscale version is **31.4568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1087, 0.3360, 0.3393**, and **12.7318, 0.3528, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **26.9709, 0.3639, 0.3487**, and if you desaturate by 10%, it is **35.3868, 0.3235, 0.3337**.

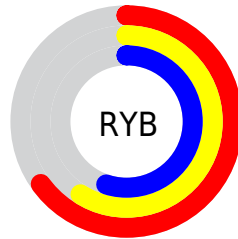
Distribution



Red (65%)

Green (58%)

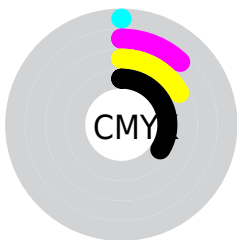
Blue (55%)



Red (65%)

Yellow (59%)

Blue (55%)

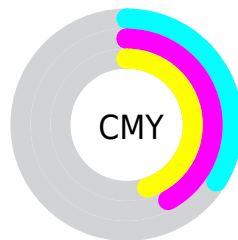


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (34%)



Cyan (34%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9470, 0.3420, 0.3410 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 30.9470, 0.3420, 0.3410 by changing the saturation by 10% instead.


 30.9470, 0.3420,
0.3410

 30.9470, 0.3420,
0.3410


306.2941, 0.3263,
0.3348

 20.5585, 0.3463,
0.3426


 61.1566, 0.3360,
0.3387

 12.8017, 0.3521,
0.3448


 81.7465, 0.3338,
0.3378

 7.2921, 0.3604,
0.3477


 106.5057, 0.3320,
0.3371

 3.6454, 0.3730,
0.3520

135.8185, 0.3305,
0.3365

 1.4773, 0.3944,
0.3586

170.0693, 0.3292,
0.3360

 0.2727, 0.5996,
0.4004

209.6426, 0.3281,

 0.0000, 0.0000,

0.3355

0.0000

254.9227, 0.3271,
0.3351

■ 30.9470, 0.3420,
0.3410

■ 30.9470, 0.3420,
0.3410

■ 26.9709, 0.3639,
0.3487

■ 35.3868, 0.3235,
0.3337

■ 23.4391, 0.3896,
0.3564

■ 40.3005, 0.3080,
0.3269

■ 20.3371, 0.4194,
0.3638

■ 45.7032, 0.2949,
0.3206

■ 17.6480, 0.4530,
0.3701

■ 51.6081, 0.2839,
0.3148

■ 15.3537, 0.4895,
0.3744

■ 58.0279, 0.2745,
0.3096

■ 13.4345, 0.5267,
0.3755

■ 64.9748, 0.2665,
0.3048

■ 11.8690, 0.5613,
0.3725

■ 72.3996, 0.2601,
0.3015

■ 10.6319, 0.5900,
0.3653

■ 79.3073, 0.2620,
0.3151

■ 10.2948, 0.5986,
0.3629

■ 86.6805, 0.2637,
0.3284

Harmonies

Analogous

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



30.9470, 0.3370, 0.3284



30.9470, 0.3420, 0.3410



30.9470, 0.3389, 0.3509

Triad

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



30.9470, 0.3420, 0.3410



30.9470, 0.2999, 0.3423



30.9470, 0.2965, 0.3039

Complementary

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



30.9470, 0.3420, 0.3410



33.1023, 0.2874, 0.3167

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.



30.9470, 0.2870, 0.3069



30.9470, 0.3420, 0.3410



30.9470, 0.2889, 0.3289

Square

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



30.9470, 0.3420, 0.3410



30.9470, 0.3144, 0.3520



30.9470, 0.2843, 0.3159



30.9470, 0.3105, 0.3074

Rectangle

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



30.9470, 0.3420, 0.3410



30.9470, 0.3327, 0.3544



30.9470, 0.2843, 0.3159



30.9470, 0.2927, 0.3042

Sweetspot

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



30.9484, 0.3420, 0.3410



64.7641, 0.3207, 0.3325



29.1965, 0.3226, 0.2995



14.3647, 0.3218, 0.3330



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.



30.9484, 0.3420, 0.3410



52.7508, 0.3494, 0.3437



35.5641, 0.3387, 0.3612



7.8770, 0.3279, 0.3355



7.9476, 0.5969, 0.3642



0.2789, 0.5341, 0.4142

Inverse Universe

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



33.1023, 0.2874, 0.3167



57.3116, 0.2820, 0.3138



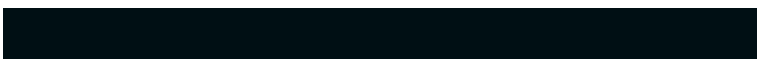
28.5595, 0.2864, 0.2946



8.1660, 0.2987, 0.3224



12.4076, 0.1987, 0.2354



0.3823, 0.2083, 0.2699

Previews

White Background



This preview shows how the Yxy color 30.9470, 0.3420, 0.3410 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 30.9470, 0.3420, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

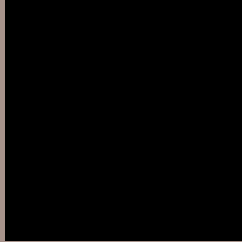
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9470, 0.3420, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 30.9470, 0.3420, 0.3410.



This preview shows how white text looks on a background with the Yxy color 30.9470, 0.3420, 0.3410.

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

30.9470, 0.3420, 0.3410

Protanopia

31.1242, 0.3274, 0.3445

Deuteranopia

30.9679, 0.3455, 0.3395



Tritanopia

30.7818, 0.3273, 0.3115

Trichromacy



Original Color

30.9470, 0.3420, 0.3410

Protanomaly

31.1797, 0.3328, 0.3443

Deuteranomaly

30.8569, 0.3444, 0.3395

Tritanomaly

30.7776, 0.3321, 0.3217

Monochromacy



Original Color

30.9470, 0.3420, 0.3410

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0874, 0.3228, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9470, 0.3420, 0.3410 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(167, 147, 139)` looks like.

```
.text, #text, p{  
    color:rgb(167, 147, 139)  
}
```

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(167, 147, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 147, 139) }
```

Border

The CSS property to change the border of an element to Yxy 30.9470, 0.3420, 0.3410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

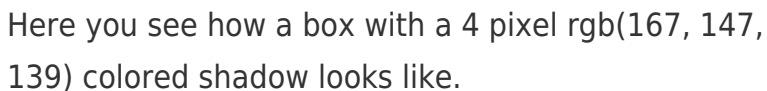
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 147, 139) }
```

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

```
.border{ border-color:rgb(167, 147, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 147, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 147, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 147, 139); box-shadow:4px 4px 4px 4px rgb(167, 147, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9470, 0.3420, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 147, 139) }
```

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

```
.background{ background-color: rgb(167,  
147, 139) }
```

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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