

Converting Colors

Yxy(31.4848, 0.3622, 0.4417)

Have a look what the booklet for
Yxy(31.4848, 0.3622, 0.4417)
contains.

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Color

Yxy(31.5206, 0.3623, 0.4420)

Conversions

Conversions Part 1

Format	Color
Hex	919F58
RGB	145, 159, 88
RGB Percent	57%, 62%, 35%
CMY	0.4314, 0.3765, 0.6549
CMYK	0.09, 0.00, 0.45, 0.38
HSL	72°, 29%, 48%
HSV	72°, 45%, 62%
XYZ	25.8369, 31.5206, 13.9561
YIQ	146.7200, 14.4470, -25.0490

Conversions

Conversions Part 2

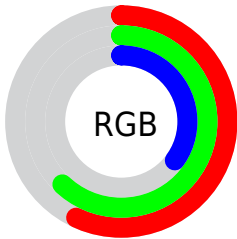
Format	Color
RYB	88, 159, 102
Decimal	9543512
CIELab	62.94, -16.38, 35.27
CIELCh	63, 38.891, 114.915
Yxy	31.5206, 0.3623, 0.4420
Android (android.graphics.Color)	4287733592 (0xFF919F58)
YUV	146.7200, -28.9490, -1.5084
Hunter-Lab	56.1432, -16.1055, 24.5620

Details

The Yxy color **31.5206, 0.3623, 0.4420** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3094, 0.2460, 0.1988**, and the grayscale version is **29.1741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2366, 0.3539, 0.4193**, and **13.2055, 0.3733, 0.4805** is the 20% darker color. If you saturate the color by 10%, you get **31.0056, 0.3713, 0.4660**, and if you desaturate by 10%, it is **32.1038, 0.3520, 0.4165**.

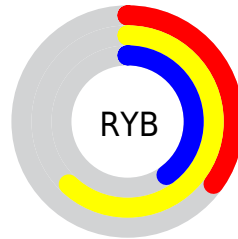
Distribution



Red (57%)

Green (62%)

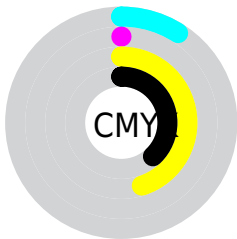
Blue (35%)



Red (35%)

Yellow (62%)

Blue (40%)

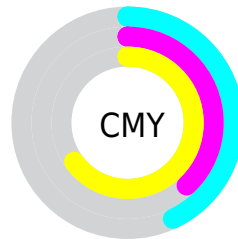


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (38%)



Cyan (43%)


Magenta (38%)

Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5206, 0.3623, 0.4420 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 31.5206, 0.3623, 0.4420 by changing the saturation by 10% instead.


 31.5206, 0.3623,
0.4420


 31.5206, 0.3623,
0.4420


 308.9296, 0.3379,
0.3807


 20.9956, 0.3677,
0.4586


 62.0588, 0.3538,
0.4187

 13.1208, 0.3739,
0.4805


 82.8407, 0.3505,
0.4102


 7.5118, 0.3804,
0.5101


 107.8105, 0.3476,
0.4032

 3.7842, 0.3929,
0.5625

 137.3524, 0.3452,
0.3972

 1.5536, 0.3839,
0.6161

 171.8509, 0.3430,
0.3922

 0.3260, 0.0000,
1.0000

 211.6903, 0.3411,

 0.0000, 0.0000,

0.3878

0.0000

257.2551, 0.3394,
0.3840

■ 31.5206, 0.3623,
0.4420

■ 31.5206, 0.3623,
0.4420

■ 31.0056, 0.3713,
0.4660

■ 32.1038, 0.3520,
0.4165

■ 30.5507, 0.3784,
0.4874

■ 32.7544, 0.3409,
0.3905

■ 30.1530, 0.3833,
0.5053


■ 33.4770, 0.3294,
0.3648


■ 29.8075, 0.3857,
0.5190


■ 34.2748, 0.3180,
0.3401

■ 29.5084, 0.3857,
0.5283


■ 35.1504, 0.3068,
0.3167

 29.3590, 0.3852,
0.5323

 36.1066, 0.2961,
0.2949

 37.1459, 0.2861,
0.2748

 38.2707, 0.2767,
0.2565

 39.4833, 0.2681,
0.2399

Harmonies

Analogous

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



31.5206, 0.4119, 0.4205



31.5206, 0.3623, 0.4420



31.5206, 0.3021, 0.4267

Triad

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



31.5206, 0.3623, 0.4420



31.5206, 0.2029, 0.2618



31.5206, 0.3767, 0.2868

Complementary

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



31.5206, 0.3623, 0.4420



12.3094, 0.2460, 0.1988

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.



31.5206, 0.3138, 0.2525



31.5206, 0.3623, 0.4420



31.5206, 0.2179, 0.2364

Square

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



31.5206, 0.3623, 0.4420



31.5206, 0.2129, 0.3110



31.5206, 0.2564, 0.2343



31.5206, 0.4233, 0.3313

Rectangle

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



31.5206, 0.3623, 0.4420



31.5206, 0.2642, 0.3948



31.5206, 0.2564, 0.2343



31.5206, 0.3563, 0.2739

Sweetspot

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



31.5220, 0.3623, 0.4420



60.1436, 0.3278, 0.3613



17.3879, 0.4176, 0.3505



13.4945, 0.3302, 0.3666



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.



31.5220, 0.3623, 0.4420



55.4929, 0.3716, 0.4668



28.8487, 0.3267, 0.4564



7.6543, 0.3232, 0.3513



23.2050, 0.3855, 0.5321



0.4304, 0.4000, 0.5206

Inverse Universe

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



12.3094, 0.2460, 0.1988



16.4525, 0.2268, 0.1648



14.7620, 0.2882, 0.2129



6.4951, 0.3017, 0.3061



2.2263, 0.1610, 0.0661



0.0548, 0.1946, 0.0846

Previews

White Background



This preview shows how the Yxy color 31.5206, 0.3623, 0.4420 looks on a white background.

Color Contrast Check

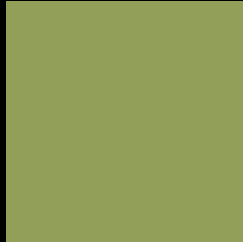
Large Text (above 18pt) WCAG AA × Fail

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 31.5206, 0.3623, 0.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

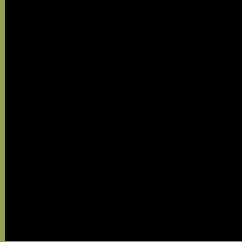
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5206, 0.3623, 0.4420

Background



This preview shows how black text looks on a background with the Yxy color 31.5206, 0.3623, 0.4420.



This preview shows how white text looks on a background with the Yxy color 31.5206, 0.3623, 0.4420.

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

31.5206, 0.3623, 0.4420

Protanopia

31.3438, 0.3923, 0.4263

Deuteranopia

31.1965, 0.4116, 0.4040



Tritanopia

31.2914, 0.3056, 0.3109

Trichromacy



Original Color

31.5206, 0.3623, 0.4420

Protanomaly

31.5017, 0.3806, 0.4323

Deuteranomaly

31.0969, 0.3934, 0.4171

Tritanomaly

31.1110, 0.3277, 0.3573

Monochromacy



Original Color

31.5206, 0.3623, 0.4420

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.7506, 0.3315, 0.3695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5206, 0.3623, 0.4420 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(145, 159, 88)` looks like.

```
.text, #text, p{  
    color:rgb(145, 159, 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(145, 159, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 159, 88) }
```

Border

The CSS property to change the border of an element to Yxy 31.5206, 0.3623, 0.4420 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(145, 159, 88) }
```

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

```
.border{ border-color:rgb(145, 159, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 159, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 159, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 159, 88);  
box-shadow:4px 4px 4px 4px rgb(145, 159,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5206, 0.3623, 0.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 159, 88) }
```

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

```
.background{ background-color: rgb(145,  
159, 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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