

Converting Colors

Yxy(31.5467, 0.3604, 0.4432)

Have a look what the booklet for
Yxy(31.5467, 0.3604, 0.4432)
contains.

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Color

Yxy(31.3405, 0.3602, 0.4429)

Conversions

Conversions Part 1

Format	Color
Hex	8F9F58
RGB	143, 159, 88
RGB Percent	56%, 62%, 35%
CMY	0.4392, 0.3765, 0.6550
CMYK	0.10, 0.00, 0.45, 0.38
HSL	74°, 29%, 48%
HSV	74°, 45%, 62%
XYZ	25.4885, 31.3405, 13.9330
YIQ	146.1220, 13.2550, -25.4730

Conversions

Conversions Part 2

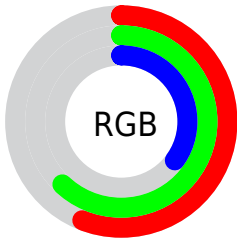
Format	Color
RYB	88, 159, 104
Decimal	9412440
CIELab	62.79, -17.20, 35.07
CIELCh	63, 39.057, 116.123
Yxy	31.3405, 0.3602, 0.4429
Android (android.graphics.Color)	4287602520 (0xFF8F9F58)
YUV	146.1220, -28.6541, -2.7380
Hunter-Lab	55.9826, -16.6997, 24.4316

Details

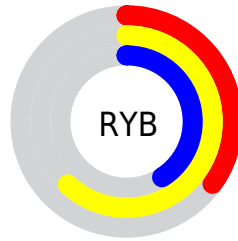
The Yxy color **31.3405, 0.3602, 0.4429** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.4197, 0.2482, 0.1995**, and the grayscale version is **28.9137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9630, 0.3523, 0.4198**, and **13.1025, 0.3703, 0.4823** is the 20% darker color. If you saturate the color by 10%, you get **30.7922, 0.3687, 0.4673**, and if you desaturate by 10%, it is **31.9592, 0.3504, 0.4171**.

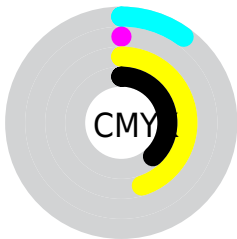
Distribution



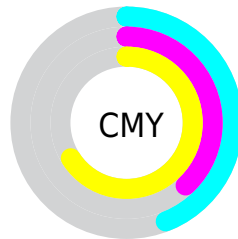
- Red (56%)
- Green (62%)
- Blue (35%)



- Red (35%)
- Yellow (62%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3405, 0.3602, 0.4429 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 31.3405, 0.3602, 0.4429 by changing the saturation by 10% instead.

 31.3405, 0.3602,
0.4429


 31.3405, 0.3602,
0.4429


308.1039, 0.3370,
0.3809


 20.8583, 0.3653,
0.4598


 61.7758, 0.3521,
0.4193


 13.0204, 0.3711,
0.4821


 82.4976, 0.3490,
0.4107

 7.4426, 0.3770,
0.5123


 107.4014, 0.3462,
0.4036

 3.7404, 0.3888,
0.5664

 136.8716, 0.3439,
0.3976

 1.5294, 0.3780,
0.6220

 171.2925, 0.3418,
0.3925

 0.3093, 0.0000,
1.0000

211.0486, 0.3400,

 0.0000, 0.0000,

0.3881

0.0000

256.5243, 0.3384,
0.3843

■ 31.3405, 0.3602,
0.4429

■ 31.3405, 0.3602,
0.4429

■ 30.7922, 0.3687,
0.4673

■ 31.9592, 0.3504,
0.4171

■ 30.3063, 0.3753,
0.4893

■ 32.6478, 0.3398,
0.3908

■ 29.8799, 0.3797,
0.5078


■ 33.4108, 0.3288,
0.3650


■ 29.5079, 0.3817,
0.5220

■ 34.2512, 0.3178,
0.3401


■ 29.1844, 0.3812,
0.5318


■ 35.1720, 0.3070,
0.3167

 29.0235, 0.3805,
0.5361

 36.1758, 0.2968,
0.2950

 37.2652, 0.2871,
0.2750

 38.4426, 0.2780,
0.2568

 39.7104, 0.2697,
0.2403

Harmonies

Analogous

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



31.3405, 0.4109, 0.4223



31.3405, 0.3602, 0.4429



31.3405, 0.2996, 0.4259

Triad

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



31.3405, 0.3602, 0.4429



31.3405, 0.2025, 0.2598



31.3405, 0.3794, 0.2882

Complementary

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



31.3405, 0.3602, 0.4429



12.4197, 0.2482, 0.1995

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.



31.3405, 0.3163, 0.2532



31.3405, 0.3602, 0.4429



31.3405, 0.2185, 0.2354

Square

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



31.3405, 0.3602, 0.4429



31.3405, 0.2114, 0.3084



31.3405, 0.2581, 0.2342



31.3405, 0.4252, 0.3331

Rectangle

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



31.3405, 0.3602, 0.4429



31.3405, 0.2618, 0.3929



31.3405, 0.2581, 0.2342



31.3405, 0.3591, 0.2751

Sweetspot

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



31.3419, 0.3602, 0.4429



60.0401, 0.3272, 0.3614



17.8486, 0.4159, 0.3544



13.4677, 0.3295, 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.



31.3419, 0.3602, 0.4429



55.1122, 0.3689, 0.4682



28.6953, 0.3244, 0.4573



7.6450, 0.3228, 0.3513



22.9424, 0.3808, 0.5358



0.4273, 0.3973, 0.5228

Inverse Universe

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



12.4197, 0.2482, 0.1995



16.6712, 0.2295, 0.1659



14.9574, 0.2913, 0.2138



6.5037, 0.3021, 0.3061



2.2864, 0.1636, 0.0675



0.0576, 0.2003, 0.0877

Previews

White Background



This preview shows how the Yxy color 31.3405, 0.3602, 0.4429 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 31.3405, 0.3602, 0.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

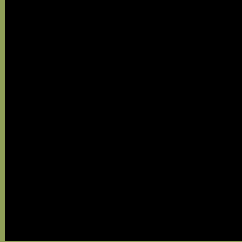
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3405, 0.3602, 0.4429

Background



This preview shows how black text looks on a background with the Yxy color 31.3405, 0.3602, 0.4429.



This preview shows how white text looks on a background with the Yxy color 31.3405, 0.3602, 0.4429.

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

31.3405, 0.3602, 0.4429

Protanopia

31.3278, 0.3932, 0.4277

Deuteranopia

31.1965, 0.4116, 0.4040



Tritanopia

31.0967, 0.3036, 0.3108

Trichromacy



Original Color

31.3405, 0.3602, 0.4429

Protanomaly

31.3837, 0.3804, 0.4341

Deuteranomaly

30.9859, 0.3923, 0.4175

Tritanomaly

30.9213, 0.3256, 0.3575

Monochromacy



Original Color

31.3405, 0.3602, 0.4429

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.6336, 0.3314, 0.3713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3405, 0.3602, 0.4429 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, 159, 88)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 159, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 159, 88) }
```

Border

The CSS property to change the border of an element to Yxy 31.3405, 0.3602, 0.4429 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, 159, 88) }
```

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

```
.border{ border-color:rgb(143, 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(143, 159, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 159, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 159, 88);  
box-shadow:4px 4px 4px 4px rgb(143, 159,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3405, 0.3602, 0.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 159, 88) }
```

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

```
.background{ background-color: rgb(143,  
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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