

Converting Colors

$Yxy(32.0799, 0.3629, 0.4526)$

Have a look what the booklet for
Yxy(32.0799, 0.3629, 0.4526)
contains.

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Color

Yxy(31.9539, 0.3631, 0.4527)

Conversions

Conversions Part 1

Format	Color
Hex	8FA153
RGB	143, 161, 83
RGB Percent	56%, 63%, 33%
CMY	0.4394, 0.3686, 0.6745
CMYK	0.11, 0.00, 0.48, 0.37
HSL	74°, 32%, 48%
HSV	74°, 48%, 63%
XYZ	25.6295, 31.9539, 13.0018
YIQ	146.7260, 14.3100, -28.0740

Conversions

Conversions Part 2

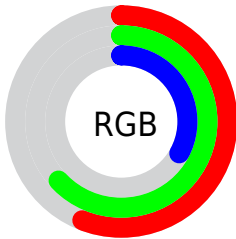
Format	Color
RYB	83, 161, 101
Decimal	9412947
CIELab	63.30, -18.81, 38.25
CIElCh	63, 42.619, 116.183
Yxy	31.9539, 0.3631, 0.4527
Android (android.graphics.Color)	4287603027 (0xFF8FA153)
YUV	146.7260, -31.4169, -3.2677
Hunter-Lab	56.5278, -17.9924, 25.9323

Details

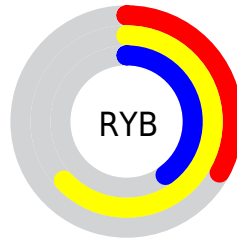
The Yxy color **31.9539, 0.3631, 0.4527** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.5315, 0.2419, 0.1872**, and the grayscale version is **29.1848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8387, 0.3549, 0.4277**, and **13.2769, 0.3745, 0.4937** is the 20% darker color. If you saturate the color by 10%, you get **31.4079, 0.3708, 0.4764**, and if you desaturate by 10%, it is **32.5716, 0.3539, 0.4272**.

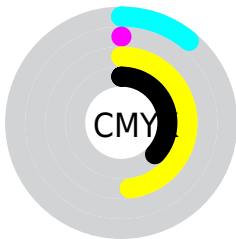
Distribution



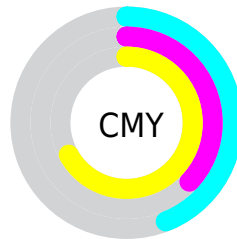
- Red (56%)
- Green (63%)
- Blue (33%)



- Red (33%)
- Yellow (63%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (37%)





- Cyan (44%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9539, 0.3631, 0.4527 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 31.9539, 0.3631, 0.4527 by changing the saturation by 10% instead.


 31.9539, 0.3631,
0.4527


 31.9539, 0.3631,
0.4527


310.9092, 0.3389,
0.3856


 21.3263, 0.3681,
0.4707


 62.7388, 0.3549,
0.4272

 13.3627, 0.3736,
0.4944


 83.6649, 0.3516,
0.4180


 7.6788, 0.3786,
0.5260


 108.7926, 0.3487,
0.4103

 3.8901, 0.3922,
0.5873

 138.5063, 0.3462,
0.4038

 1.6123, 0.3695,
0.6305

 173.1905, 0.3441,
0.3982

 0.3659, 0.0000,
1.0000

213.2294, 0.3421,

 0.0000, 0.0000,

0.3935

0.0000

259.0075, 0.3404,
0.3893

■ 31.9539, 0.3631,
0.4527

■ 31.9539, 0.3631,
0.4527

■ 31.4079, 0.3708,
0.4764

■ 32.5716, 0.3539,
0.4272

■ 30.9251, 0.3765,
0.4973

■ 33.2604, 0.3436,
0.4009

■ 30.5022, 0.3799,
0.5144

■ 34.0253, 0.3328,
0.3747

■ 30.1339, 0.3808,
0.5271

■ 34.8694, 0.3218,
0.3494

■ 29.8099, 0.3796,
0.5357

■ 35.7958, 0.3111,
0.3254

■ 29.7613, 0.3793,
0.5370

■ 36.8073, 0.3007,
0.3030

■ 37.9067, 0.2908,
0.2823

■ 39.0964, 0.2816,
0.2635

■ 40.3790, 0.2731,
0.2463

Harmonies

Analogous

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



31.9539, 0.4181, 0.4291



31.9539, 0.3631, 0.4527



31.9539, 0.2977, 0.4349

Triad

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



31.9539, 0.3631, 0.4527



31.9539, 0.1945, 0.2539



31.9539, 0.3850, 0.2850

Complementary

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



31.9539, 0.3631, 0.4527



11.5315, 0.2419, 0.1872

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.



31.9539, 0.3164, 0.2477



31.9539, 0.3631, 0.4527



31.9539, 0.2116, 0.2283

Square

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



31.9539, 0.3631, 0.4527



31.9539, 0.2037, 0.3060



31.9539, 0.2538, 0.2274



31.9539, 0.4348, 0.3328

Rectangle

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



31.9539, 0.3631, 0.4527



31.9539, 0.2572, 0.3986



31.9539, 0.2538, 0.2274



31.9539, 0.3629, 0.2710

Sweetspot

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



31.9553, 0.3631, 0.4527



61.3884, 0.3293, 0.3666



17.3000, 0.4287, 0.3564



13.3998, 0.3315, 0.3716



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.



31.9553, 0.3631, 0.4527



56.1801, 0.3712, 0.4779



29.1288, 0.3248, 0.4697



8.1543, 0.3227, 0.3514



23.7842, 0.3797, 0.5367



0.5189, 0.3950, 0.5246

Inverse Universe

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



11.5315, 0.2419, 0.1872



15.2637, 0.2227, 0.1532



14.2428, 0.2888, 0.2040



6.9354, 0.3021, 0.3060



2.3890, 0.1641, 0.0678



0.0698, 0.1995, 0.0872

Previews

White Background



This preview shows how the Yxy color 31.9539, 0.3631, 0.4527 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 31.9539, 0.3631, 0.4527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

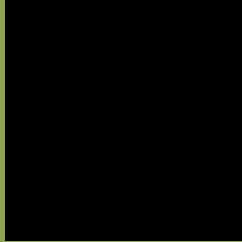
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9539, 0.3631, 0.4527

Background



This preview shows how black text looks on a background with the Yxy color 31.9539, 0.3631, 0.4527.



This preview shows how white text looks on a background with the Yxy color 31.9539, 0.3631, 0.4527.

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

31.9539, 0.3631, 0.4527

Protanopia

31.7967, 0.3990, 0.4345

Deuteranopia

31.8107, 0.4179, 0.4092



Tritanopia

31.9091, 0.3027, 0.3109

Trichromacy



Original Color

31.9539, 0.3631, 0.4527

Protanomaly

31.8446, 0.3861, 0.4412

Deuteranomaly

31.4630, 0.3975, 0.4233

Tritanomaly

31.5815, 0.3253, 0.3606

Monochromacy



Original Color

31.9539, 0.3631, 0.4527

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.0227, 0.3332, 0.3744

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9539, 0.3631, 0.4527 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, 161, 83)` looks like.

```
.text, #text, p{  
    color:rgb(143, 161, 83)  
}
```

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, 161, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 161, 83) }
```

Border

The CSS property to change the border of an element to Yxy 31.9539, 0.3631, 0.4527 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, 161, 83) }
```

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

```
.border{ border-color:rgb(143, 161, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 161, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 161, 83); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 161, 83); box-shadow:4px 4px 4px 4px rgb(143, 161, 83) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9539, 0.3631, 0.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 161, 83) }
```

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

```
.background{ background-color: rgb(143,  
161, 83) }
```

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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