

Converting Colors

$Yxy(31.4031, 0.3632, 0.4257)$

Have a look what the booklet for
Yxy(31.4031, 0.3632, 0.4257)
contains.

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Color

Yxy(31.5195, 0.3638, 0.4265)

Conversions

Conversions Part 1

Format	Color
Hex	979D5F
RGB	151, 157, 95
RGB Percent	59%, 62%, 37%
CMY	0.4078, 0.3843, 0.6274
CMYK	0.04, 0.00, 0.39, 0.38
HSL	66°, 25%, 49%
HSV	66°, 39%, 62%
XYZ	26.8858, 31.5195, 15.4974
YIQ	148.1380, 16.3260, -20.5540

Conversions

Conversions Part 2

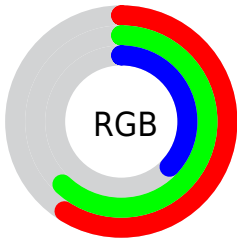
Format	Color
RYB	95, 157, 101
Decimal	9936223
CIELab	62.94, -12.05, 31.69
CIElCh	63, 33.903, 110.829
Yxy	31.5195, 0.3638, 0.4265
Android (android.graphics.Color)	4288126303 (0xFF979D5F)
YUV	148.1380, -26.1970, 2.5100
Hunter-Lab	56.1422, -12.7675, 22.9333

Details

The Yxy color **31.5195, 0.3638, 0.4265** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3902, 0.2484, 0.2139**, and the grayscale version is **29.7826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7857, 0.3548, 0.4065**, and **13.1660, 0.3775, 0.4597** is the 20% darker color. If you saturate the color by 10%, you get **31.1190, 0.3753, 0.4498**, and if you desaturate by 10%, it is **31.9823, 0.3512, 0.4018**.

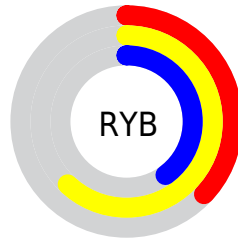
Distribution



Red (59%)

Green (62%)

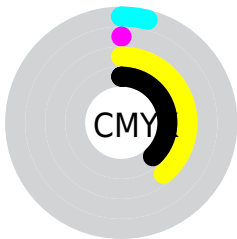
Blue (37%)



Red (37%)

Yellow (62%)

Blue (40%)

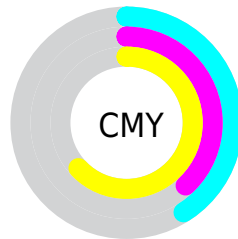


Cyan (4%)

Magenta (0%)

Yellow (39%)

Black (38%)



Cyan (41%)


Magenta (38%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5195, 0.3638, 0.4265 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 31.5195, 0.3638, 0.4265 by changing the saturation by 10% instead.


 31.5195, 0.3638,
0.4265


 31.5195, 0.3638,
0.4265


 308.9246, 0.3380,
0.3739


 20.9948, 0.3700,
0.4407


 62.0571, 0.3545,
0.4065

 13.1202, 0.3775,
0.4595


 82.8387, 0.3510,
0.3993

 7.5113, 0.3864,
0.4850


 107.8080, 0.3480,
0.3932

 3.7839, 0.3989,
0.5248

 137.3495, 0.3454,
0.3881

 1.5534, 0.4120,
0.5880

 171.8475, 0.3432,
0.3838

 0.3259, 0.0453,
0.9547

 211.6864, 0.3412,

 0.0000, 0.0000,

0.3800

0.0000

257.2506, 0.3395,
0.3767

■ 31.5195, 0.3638,
0.4265

■ 31.5195, 0.3638,
0.4265

■ 31.1190, 0.3753,
0.4498

■ 31.9823, 0.3512,
0.4018

■ 30.7730, 0.3852,
0.4708

■ 32.5063, 0.3381,
0.3766

■ 30.4791, 0.3931,
0.4886


■ 33.0958, 0.3250,
0.3518


■ 30.2329, 0.3986,
0.5025


■ 33.7537, 0.3121,
0.3278

■ 30.0293, 0.4016,
0.5120


■ 34.4826, 0.2997,
0.3051


 29.8569, 0.4026,
0.5182

 35.2849, 0.2880,
0.2839

 29.8481, 0.4026,
0.5185

 36.1629, 0.2771,
0.2644

 37.1190, 0.2671,
0.2466

 38.1552, 0.2579,
0.2305

Harmonies

Analogous

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



31.5195, 0.4045, 0.4059



31.5195, 0.3638, 0.4265



31.5195, 0.3114, 0.4170

Triad

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



31.5195, 0.3638, 0.4265



31.5195, 0.2154, 0.2754



31.5195, 0.3616, 0.2871

Complementary

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



31.5195, 0.3638, 0.4265



13.3902, 0.2484, 0.2139

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.



31.5195, 0.3065, 0.2580



31.5195, 0.3638, 0.4265



31.5195, 0.2258, 0.2493

Square

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



31.5195, 0.3638, 0.4265



31.5195, 0.2277, 0.3212



31.5195, 0.2576, 0.2442



31.5195, 0.4049, 0.3262

Rectangle

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



31.5195, 0.3638, 0.4265



31.5195, 0.2771, 0.3922



31.5195, 0.2576, 0.2442



31.5195, 0.3436, 0.2760

Sweetspot

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



31.5209, 0.3638, 0.4265



58.9664, 0.3286, 0.3585



17.1447, 0.4049, 0.3378



12.9473, 0.3301, 0.3615



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.5209, 0.3638, 0.4265



55.8353, 0.3736, 0.4463



28.9953, 0.3319, 0.4377



7.6877, 0.3247, 0.3512



24.2499, 0.4028, 0.5184



0.4421, 0.4099, 0.5128

Inverse Universe

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



13.3902, 0.2484, 0.2139



18.9201, 0.2317, 0.1853



15.4616, 0.2841, 0.2245



6.4645, 0.3002, 0.3060



2.0691, 0.1541, 0.0623



0.0449, 0.1730, 0.0727

Previews

White Background



This preview shows how the Yxy color 31.5195, 0.3638, 0.4265 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 31.5195, 0.3638, 0.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

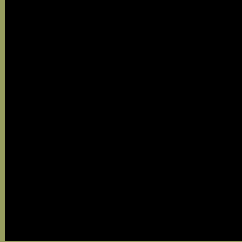
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5195, 0.3638, 0.4265

Background



This preview shows how black text looks on a background with the Yxy color 31.5195, 0.3638, 0.4265.



This preview shows how white text looks on a background with the Yxy color 31.5195, 0.3638, 0.4265.

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

31.5195, 0.3638, 0.4265

Protanopia

31.3538, 0.3849, 0.4171

Deuteranopia

31.1999, 0.4035, 0.3952



Tritanopia

31.4390, 0.3115, 0.3111

Trichromacy



Original Color

31.5195, 0.3638, 0.4265

Protanomaly

31.4964, 0.3772, 0.4202

Deuteranomaly

31.0159, 0.3885, 0.4057

Tritanomaly

31.3305, 0.3311, 0.3522

Monochromacy



Original Color

31.5195, 0.3638, 0.4265

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.1078, 0.3317, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5195, 0.3638, 0.4265 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(151, 157, 95)` looks like.

```
.text, #text, p{  
    color:rgb(151, 157, 95)  
}
```

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(151, 157, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 157, 95) }
```

Border

The CSS property to change the border of an element to Yxy 31.5195, 0.3638, 0.4265 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(151, 157, 95) }
```

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

```
.border{ border-color:rgb(151, 157, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 157, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 157, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 157, 95);  
box-shadow:4px 4px 4px 4px rgb(151, 157,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5195, 0.3638, 0.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 157, 95) }
```

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

```
.background{ background-color: rgb(151,  
157, 95) }
```

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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