

Converting Colors

$Yxy(31.6021, 0.3812, 0.4317)$

Have a look what the booklet for
Yxy(31.6021, 0.3812, 0.4317)
contains.

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Color

Yxy(31.6044, 0.3817, 0.4318)

Conversions

Conversions Part 1

Format	Color
Hex	A09B57
RGB	160, 155, 87
RGB Percent	63%, 61%, 34%
CMY	0.3726, 0.3921, 0.6587
CMYK	0.00, 0.03, 0.46, 0.37
HSL	56°, 30%, 48%
HSV	56°, 46%, 63%
XYZ	27.9375, 31.6044, 13.6503
YIQ	148.7430, 24.8080, -20.0880

Conversions

Conversions Part 2

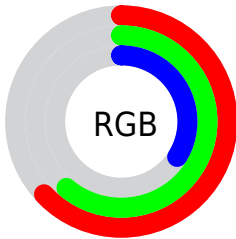
Format	Color
R_{YB}	92, 160, 87
Decimal	10525527
CIE _{Lab}	63.01, -8.14, 36.13
CIE _{LCh}	63, 37.039, 102.688
Yxy	31.6044, 0.3817, 0.4318
Android (android.graphics.Color)	4288715607 (0xFFA09B57)
YUV	148.7430, -30.4393, 9.8724
Hunter-Lab	56.2178, -9.6754, 24.9561

Details

The Yxy color **31.6044, 0.3817, 0.4318** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.2204, 0.2305, 0.1997**, and the grayscale version is **30.0646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0348, 0.3693, 0.4113**, and **13.1729, 0.4005, 0.4636** is the 20% darker color. If you saturate the color by 10%, you get **31.0109, 0.3955, 0.4514**, and if you desaturate by 10%, it is **32.2620, 0.3668, 0.4102**.

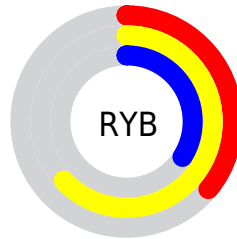
Distribution



Red (63%)

Green (61%)

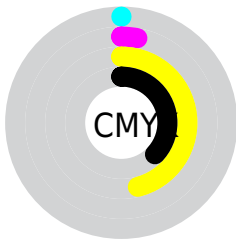
Blue (34%)



Red (36%)

Yellow (63%)

Blue (34%)

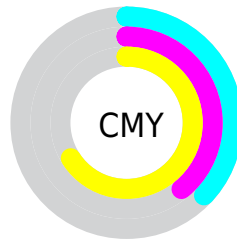


Cyan (0%)

Magenta (3%)

Yellow (46%)

Black (37%)



Cyan (37%)


Magenta (39%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6044, 0.3817, 0.4318 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 31.6044, 0.3817, 0.4318 by changing the saturation by 10% instead.


 31.6044, 0.3817,
0.4318


 31.6044, 0.3817,
0.4318


309.3132, 0.3467,
0.3772

 21.0595, 0.3901,
0.4460


 62.1904, 0.3691,
0.4114


 13.1675, 0.4002,
0.4642


 83.0003, 0.3643,
0.4039


 7.5440, 0.4123,
0.4880


 108.0007, 0.3602,
0.3976

 3.8046, 0.4347,
0.5307

 137.5759, 0.3567,
0.3923

 1.5649, 0.4372,
0.5628

 172.1103, 0.3537,
0.3877

 0.3337, 0.2622,
0.7378

211.9885, 0.3511,

 0.0000, 0.0000,

0.3838

0.0000

257.5946, 0.3487,
0.3803

■ 31.6044, 0.3817,
0.4318

■ 31.6044, 0.3817,
0.4318

■ 31.0109, 0.3955,
0.4514

■ 32.2620, 0.3668,
0.4102

■ 30.4733, 0.4077,
0.4679

■ 32.9830, 0.3513,
0.3874

■ 29.9888, 0.4176,
0.4808

■ 33.7719, 0.3359,
0.3642

■ 29.5522, 0.4250,
0.4895

■ 34.6320, 0.3208,
0.3414

■ 29.1570, 0.4298,
0.4940

■ 35.5658, 0.3065,
0.3195

■ 28.9893, 0.4316,
0.4955

■ 36.5762, 0.2931,
0.2987

■ 37.6657, 0.2807,
0.2794

■ 38.8367, 0.2693,
0.2615

■ 40.0914, 0.2589,
0.2451

Harmonies

Analogous

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



31.6044, 0.4204, 0.4020



31.6044, 0.3817, 0.4318



31.6044, 0.3265, 0.4323

Triad

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



31.6044, 0.3817, 0.4318



31.6044, 0.2086, 0.2818



31.6044, 0.3499, 0.2737

Complementary

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



31.6044, 0.3817, 0.4318



12.2204, 0.2305, 0.1997

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.



31.6044, 0.2900, 0.2465



31.6044, 0.3817, 0.4318



31.6044, 0.2133, 0.2477

Square

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



31.6044, 0.3817, 0.4318



31.6044, 0.2282, 0.3362



31.6044, 0.2414, 0.2367



31.6044, 0.4030, 0.3133

Rectangle

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



31.6044, 0.3817, 0.4318



31.6044, 0.2883, 0.4114



31.6044, 0.2414, 0.2367



31.6044, 0.3296, 0.2630

Sweetspot

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



31.6059, 0.3817, 0.4318



61.5337, 0.3338, 0.3612



15.0853, 0.4212, 0.3195



13.4283, 0.3370, 0.3658



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.



31.6059, 0.3817, 0.4318



56.2718, 0.3961, 0.4522



30.5381, 0.3464, 0.4514



7.6428, 0.3262, 0.3496



22.6129, 0.4315, 0.4956



0.4251, 0.4261, 0.4998

Inverse Universe

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



12.2204, 0.2305, 0.1997



16.4841, 0.2093, 0.1651



13.1701, 0.2630, 0.2020



6.5043, 0.2987, 0.3075



2.1886, 0.1516, 0.0657



0.0580, 0.1591, 0.0925

Previews

White Background



This preview shows how the Yxy color 31.6044, 0.3817, 0.4318 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 31.6044, 0.3817, 0.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

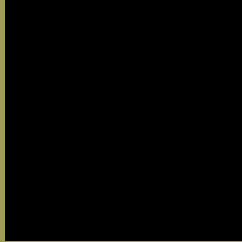
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6044, 0.3817, 0.4318

Background



This preview shows how black text looks on a background with the Yxy color 31.6044, 0.3817, 0.4318.



This preview shows how white text looks on a background with the Yxy color 31.6044, 0.3817, 0.4318.

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

31.6044, 0.3817, 0.4318

Protanopia

31.6698, 0.3916, 0.4276

Deuteranopia

31.2864, 0.4146, 0.4062



Tritanopia

31.6609, 0.3238, 0.3130

Trichromacy



Original Color

31.6044, 0.3817, 0.4318

Protanomaly

31.6756, 0.3877, 0.4302

Deuteranomaly

31.4296, 0.4026, 0.4161

Tritanomaly

31.4780, 0.3462, 0.3562

Monochromacy



Original Color

31.6044, 0.3817, 0.4318

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.4119, 0.3390, 0.3686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6044, 0.3817, 0.4318 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(160, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(160, 155, 87)  
}
```

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(160, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 155, 87) }
```

Border

The CSS property to change the border of an element to Yxy 31.6044, 0.3817, 0.4318 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(160, 155, 87) }
```

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

```
.border{ border-color:rgb(160, 155, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 155, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 155, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 155, 87);  
box-shadow:4px 4px 4px 4px rgb(160, 155,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6044, 0.3817, 0.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 155, 87) }
```

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

```
.background{ background-color: rgb(160,  
155, 87) }
```

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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