

Converting Colors

$Yxy(31.3362, 0.3858, 0.4185)$

Have a look what the booklet for
Yxy(31.3362, 0.3858, 0.4185)
contains.

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Color

Yxy(31.3362, 0.3858, 0.4185)

Conversions

Conversions Part 1

Format	Color
Hex	A6985C
RGB	166, 152, 92
RGB Percent	65%, 60%, 36%
CMY	0.3490, 0.4039, 0.6392
CMYK	0.00, 0.08, 0.45, 0.35
HSL	49°, 29%, 51%
HSV	49°, 45%, 65%
XYZ	28.8877, 31.3362, 14.6535
YIQ	149.3460, 27.6040, -15.6920

Conversions

Conversions Part 2

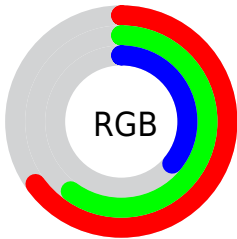
Format	Color
RYB	109, 166, 92
Decimal	10917980
CIELab	62.79, -3.44, 33.35
CIElCh	63, 33.531, 95.892
Yxy	31.3362, 0.3858, 0.4185
Android (android.graphics.Color)	4289108060 (0xFFA6985C)
YUV	149.3460, -28.2716, 14.6056
Hunter-Lab	55.9787, -5.8483, 23.6648

Details

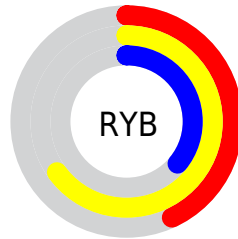
The Yxy color **31.3362, 0.3858, 0.4185** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3417, 0.2352, 0.2193**, and the grayscale version is **30.3226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6554, 0.3719, 0.4012**, and **12.9340, 0.4068, 0.4463** is the 20% darker color. If you saturate the color by 10%, you get **30.0717, 0.4027, 0.4366**, and if you desaturate by 10%, it is **32.6943, 0.3685, 0.3988**.

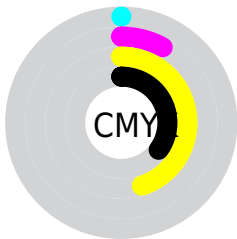
Distribution



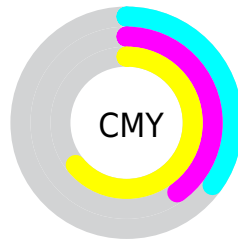
- Red (65%)
- Green (60%)
- Blue (36%)



- Red (43%)
- Yellow (65%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3362, 0.3858, 0.4185 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 31.3362, 0.3858, 0.4185 by changing the saturation by 10% instead.


 31.3362, 0.3858,
0.4185


 31.3362, 0.3858,
0.4185


308.0842, 0.3480,
0.3714


 20.8550, 0.3952,
0.4306


 61.7690, 0.3720,
0.4010


 13.0180, 0.4071,
0.4462


 82.4894, 0.3668,
0.3945

 7.4410, 0.4219,
0.4664


 107.3916, 0.3624,
0.3891

 3.7394, 0.4456,
0.4990

 136.8601, 0.3587,
0.3845

 1.5289, 0.4663,
0.5337

171.2792, 0.3554,
0.3805

 0.3089, 0.4042,
0.5958

211.0333, 0.3526,

 0.0000, 0.0000,

0.3770

0.0000

256.5068, 0.3502,
0.3740

■ 31.3362, 0.3858,
0.4185

■ 31.3362, 0.3858,
0.4185

■ 30.0717, 0.4027,
0.4366

■ 32.6943, 0.3685,
0.3988

■ 28.8919, 0.4185,
0.4520

■ 34.1456, 0.3514,
0.3783

■ 27.7935, 0.4324,
0.4639

■ 35.6953, 0.3350,
0.3578

■ 26.7709, 0.4440,
0.4716

■ 37.3469, 0.3195,
0.3378

■ 25.8171, 0.4527,
0.4747

■ 39.1037, 0.3050,
0.3188

■ 25.3196, 0.4569,
0.4754

■ 40.9687, 0.2918,
0.3009

■ 42.9448, 0.2798,
0.2842

■ 45.0350, 0.2689,
0.2689

■ 47.2418, 0.2591,
0.2548

Harmonies

Analogous

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



31.3362, 0.4154, 0.3881



31.3362, 0.3858, 0.4185



31.3362, 0.3379, 0.4251

Triad

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



31.3362, 0.3858, 0.4185



31.3362, 0.2194, 0.2964



31.3362, 0.3342, 0.2715

Complementary

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



31.3362, 0.3858, 0.4185



15.3417, 0.2352, 0.2193

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.



31.3362, 0.2809, 0.2496



31.3362, 0.3858, 0.4185



31.3362, 0.2186, 0.2602

Square

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



31.3362, 0.3858, 0.4185



31.3362, 0.2428, 0.3483



31.3362, 0.2399, 0.2449



31.3362, 0.3853, 0.3061

Rectangle

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



31.3362, 0.3858, 0.4185



31.3362, 0.3026, 0.4111



31.3362, 0.2399, 0.2449



31.3362, 0.3158, 0.2625

Sweetspot

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



31.3377, 0.3858, 0.4185



65.1644, 0.3328, 0.3551



16.8219, 0.4040, 0.3061



14.4431, 0.3363, 0.3595



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.3377, 0.3858, 0.4185



54.7016, 0.4017, 0.4356



33.9609, 0.3546, 0.4453



8.5288, 0.3266, 0.3472



19.6958, 0.4565, 0.4757



0.5397, 0.4423, 0.4870

Inverse Universe

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



15.3417, 0.2352, 0.2193



22.1343, 0.2171, 0.1913



14.0015, 0.2543, 0.2014



7.5219, 0.2986, 0.3101



2.9654, 0.1556, 0.0802



0.1358, 0.1709, 0.1351

Previews

White Background



This preview shows how the Yxy color 31.3362, 0.3858, 0.4185 looks on a white background.

Color Contrast Check

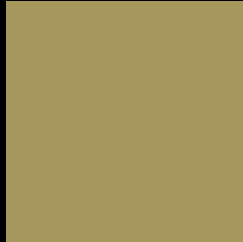
Large Text (above 18pt) WCAG AA × Fail

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 31.3362, 0.3858, 0.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

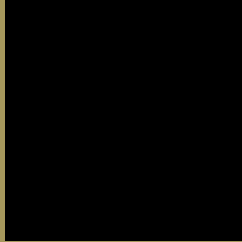
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3362, 0.3858, 0.4185

Background



This preview shows how black text looks on a background with the Yxy color 31.3362, 0.3858, 0.4185.



This preview shows how white text looks on a background with the Yxy color 31.3362, 0.3858, 0.4185.

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

31.3362, 0.3858, 0.4185

Protanopia

31.3362, 0.3858, 0.4185

Deuteranopia

31.2493, 0.4086, 0.4001



Tritanopia

31.2311, 0.3315, 0.3118

Trichromacy



Original Color

31.3362, 0.3858, 0.4185

Protanomaly

31.3362, 0.3858, 0.4185

Deuteranomaly

31.3172, 0.3997, 0.4078

Tritanomaly

31.1069, 0.3515, 0.3499

Monochromacy



Original Color

31.3362, 0.3858, 0.4185

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.3398, 0.3394, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3362, 0.3858, 0.4185 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(166, 152, 92)` looks like.

```
.text, #text, p{  
    color:rgb(166, 152, 92)  
}
```

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(166, 152, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 152, 92) }
```

Border

The CSS property to change the border of an element to Yxy 31.3362, 0.3858, 0.4185 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(166, 152, 92) }
```

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

```
.border{ border-color:rgb(166, 152, 92) }
```

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

Here you see how a box with a 4 pixel rgb(166, 152, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 152, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 152, 92);  
box-shadow:4px 4px 4px 4px rgb(166, 152,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3362, 0.3858, 0.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 152, 92) }
```

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

```
.background{ background-color: rgb(166,  
152, 92) }
```

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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