

Converting Colors

Yxy(32.1758, 0.3650, 0.3813)

Have a look what the booklet for
Yxy(32.1758, 0.3650, 0.3813)
contains.

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Color

Yxy(32.1758, 0.3650, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	A99875
RGB	169, 152, 117
RGB Percent	66%, 60%, 46%
CMY	0.3372, 0.4039, 0.5413
CMYK	0.00, 0.10, 0.31, 0.34
HSL	40°, 23%, 56%
HSV	40°, 31%, 66%
XYZ	30.8003, 32.1758, 21.4083
YIQ	153.0930, 21.3670, -7.2810

Conversions

Conversions Part 2

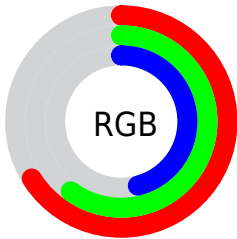
Format	Color
RYB	142, 169, 117
Decimal	11114613
CIELab	63.49, 0.81, 20.75
CIElCh	63, 20.766, 87.757
Yxy	32.1758, 0.3650, 0.3813
Android (android.graphics.Color)	4289304693 (0xFFA99875)
YUV	153.0930, -17.7938, 13.9504
Hunter-Lab	56.7237, -2.3430, 17.3297

Details

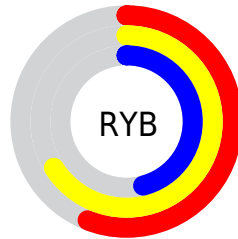
The Yxy color **32.1758, 0.3650, 0.3813** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.6868, 0.2627, 0.2704**, and the grayscale version is **31.9697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0147, 0.3550, 0.3711**, and **13.4377, 0.3825, 0.3985** is the 20% darker color. If you saturate the color by 10%, you get **30.0643, 0.3847, 0.3986**, and if you desaturate by 10%, it is **34.4455, 0.3465, 0.3638**.

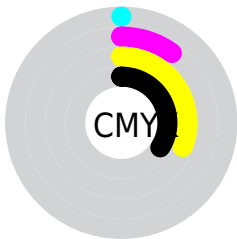
Distribution



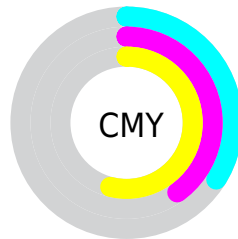
- Red (66%)
- Green (60%)
- Blue (46%)



- Red (56%)
- Yellow (66%)
- Blue (46%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (34%)





- Cyan (34%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1758, 0.3650, 0.3813 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 32.1758, 0.3650, 0.3813 by changing the saturation by 10% instead.


 32.1758, 0.3650,
0.3813


 32.1758, 0.3650,
0.3813


311.9193, 0.3374,
0.3538


 21.4958, 0.3723,
0.3886

 63.0866, 0.3546,
0.3710

 13.4869, 0.3820,
0.3981


 84.0862, 0.3508,
0.3672

 7.7647, 0.3951,
0.4110


 109.2944, 0.3477,
0.3641

 3.9447, 0.4138,
0.4292

139.0957, 0.3450,
0.3614

 1.6427, 0.4668,
0.4818

173.8745, 0.3427,
0.3591

 0.3861, 0.5005,
0.4995

214.0150, 0.3407,

 0.0000, 0.0000,

0.3571

0.0000

259.9019, 0.3389,
0.3553

■ 32.1758, 0.3650,
0.3813

■ 32.1758, 0.3650,
0.3813

■ 30.0643, 0.3847,
0.3986

■ 34.4455, 0.3465,
0.3638

■ 28.1015, 0.4052,
0.4148

■ 36.8736, 0.3294,
0.3467

■ 26.2835, 0.4257,
0.4291

■ 39.4660, 0.3139,
0.3303

■ 24.6046, 0.4455,
0.4403

■ 42.2268, 0.2999,
0.3148

■ 23.0580, 0.4635,
0.4474

■ 45.1602, 0.2873,
0.3004

■ 21.6364, 0.4788,
0.4497

■ 48.2699, 0.2762,
0.2870

■ 20.4231, 0.4909,
0.4484

■ 51.5596, 0.2662,
0.2748

■ 55.0329, 0.2574,
0.2636

■ 57.7532, 0.2567,
0.2673

Harmonies

Analogous

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



32.1758, 0.3779, 0.3614



32.1758, 0.3650, 0.3813



32.1758, 0.3382, 0.3877

Triad

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



32.1758, 0.3650, 0.3813



32.1758, 0.2564, 0.3183



32.1758, 0.3174, 0.2874

Complementary

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



32.1758, 0.3650, 0.3813



23.6868, 0.2627, 0.2704

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.



32.1758, 0.2853, 0.2761



32.1758, 0.3650, 0.3813



32.1758, 0.2515, 0.2920

Square

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



32.1758, 0.3650, 0.3813



32.1758, 0.2758, 0.3499



32.1758, 0.2617, 0.2773



32.1758, 0.3497, 0.3084

Rectangle

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



32.1758, 0.3650, 0.3813



32.1758, 0.3165, 0.3821



32.1758, 0.2617, 0.2773



32.1758, 0.3062, 0.2824

Sweetspot

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



32.1773, 0.3650, 0.3813



66.7706, 0.3268, 0.3440



22.8818, 0.3578, 0.3027



14.4150, 0.3290, 0.3463



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.



32.1773, 0.3650, 0.3813



54.9945, 0.3784, 0.3932



37.1683, 0.3495, 0.4065



8.3545, 0.3270, 0.3442



15.3212, 0.4899, 0.4492



0.4600, 0.4616, 0.4717

Inverse Universe

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



23.6868, 0.2627, 0.2704



37.3372, 0.2506, 0.2548



19.9899, 0.2682, 0.2429



7.6859, 0.2986, 0.3134



4.2748, 0.1637, 0.1092



0.1966, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 32.1758, 0.3650, 0.3813 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 32.1758, 0.3650, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

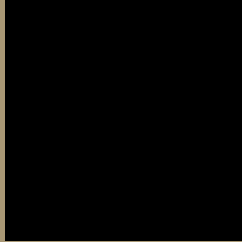
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1758, 0.3650, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 32.1758, 0.3650, 0.3813.



This preview shows how white text looks on a background with the Yxy color 32.1758, 0.3650, 0.3813.

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

32.1758, 0.3650, 0.3813

Protanopia

32.3117, 0.3578, 0.3836

Deuteranopia

32.3116, 0.3789, 0.3720



Tritanopia

32.3347, 0.3301, 0.3134

Trichromacy



Original Color

32.1758, 0.3650, 0.3813

Protanomaly

32.1975, 0.3603, 0.3818

Deuteranomaly

32.1500, 0.3740, 0.3741

Tritanomaly

32.2487, 0.3428, 0.3378

Monochromacy



Original Color

32.1758, 0.3650, 0.3813

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.0468, 0.3312, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1758, 0.3650, 0.3813 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(169, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 117)  
}
```

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(169, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.1758, 0.3650, 0.3813 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(169, 152, 117) }
```

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

```
.border{ border-color:rgb(169, 152, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 117);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1758, 0.3650, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 117) }
```

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

```
.background{ background-color: rgb(169,  
152, 117) }
```

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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