

Converting Colors

Yxy(31.3711, 0.4204, 0.4230)

Have a look what the booklet for
Yxy(31.3711, 0.4204, 0.4230)
contains.

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Color

Yxy(31.3626, 0.4198, 0.4233)

Conversions

Conversions Part 1

Format	Color
Hex	B6934E
RGB	182, 147, 78
RGB Percent	71%, 58%, 31%
CMY	0.2862, 0.4235, 0.6941
CMYK	0.00, 0.19, 0.57, 0.29
HSL	40°, 42%, 51%
HSV	40°, 57%, 71%
XYZ	31.1033, 31.3626, 11.6248
YIQ	149.5990, 43.0090, -14.0390

Conversions

Conversions Part 2

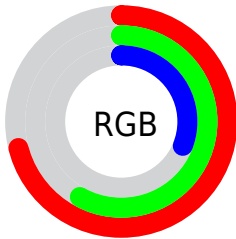
Format	Color
RYB	131, 182, 78
Decimal	11965262
CIELab	62.81, 4.85, 41.00
CIELCh	63, 41.290, 83.259
Yxy	31.3626, 0.4198, 0.4233
Android (android.graphics.Color)	4290155342 (0xFFB6934E)
YUV	149.5990, -35.2983, 28.4157
Hunter-Lab	56.0023, 1.1335, 26.8943

Details

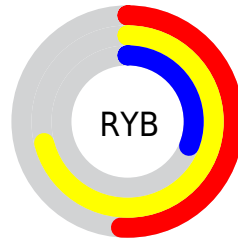
The Yxy color **31.3626, 0.4198, 0.4233** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.8160, 0.2163, 0.2079**, and the grayscale version is **30.4609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8835, 0.3994, 0.4067**, and **13.0737, 0.4491, 0.4482** is the 20% darker color. If you saturate the color by 10%, you get **29.2826, 0.4404, 0.4355**, and if you desaturate by 10%, it is **33.6194, 0.3988, 0.4084**.

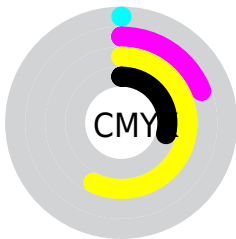
Distribution



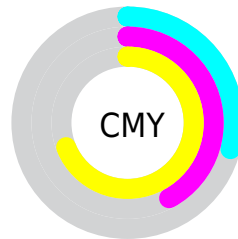
- Red (71%)
- Green (58%)
- Blue (31%)



- Red (51%)
- Yellow (71%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (57%)
- Black (29%)




- Cyan (29%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3626, 0.4198, 0.4233 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 31.3626, 0.4198, 0.4233 by changing the saturation by 10% instead.


 31.3626, 0.4198,
0.4233


 31.3626, 0.4198,
0.4233


308.2053, 0.3645,
0.3759


 20.8751, 0.4333,
0.4342


 61.8105, 0.3997,
0.4065

 13.0327, 0.4499,
0.4472


 82.5397, 0.3921,
0.4000


 7.4511, 0.4702,
0.4620


 107.4516, 0.3857,
0.3945

 3.7458, 0.5087,
0.4913

 136.9306, 0.3802,
0.3897

 1.5324, 0.5160,
0.4840

 171.3611, 0.3755,
0.3856

 0.3114, 0.5709,
0.4291

211.1274, 0.3713,

 0.0000, 0.0000,

0.3820

0.0000

256.6141, 0.3677,
0.3788

■ 31.3626, 0.4198,
0.4233

■ 31.3626, 0.4198,
0.4233

■ 29.2826, 0.4404,
0.4355

■ 33.6194, 0.3988,
0.4084

■ 27.3672, 0.4596,
0.4440

■ 36.0555, 0.3781,
0.3918

■ 25.6092, 0.4764,
0.4477

■ 38.6787, 0.3585,
0.3745

■ 23.9967, 0.4903,
0.4466

■ 41.4951, 0.3403,
0.3573

■ 23.5561, 0.4941,
0.4459

■ 44.5102, 0.3236,
0.3405

■ 47.7294, 0.3086,
0.3245

■ 51.1577, 0.2951,
0.3096

■ 54.8000, 0.2830,
0.2957

■ 58.6609, 0.2723,
0.2829

Harmonies

Analogous

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



31.3626, 0.4436, 0.3781



31.3626, 0.4198, 0.4233



31.3626, 0.3681, 0.4489

Triad

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



31.3626, 0.4198, 0.4233



31.3626, 0.2085, 0.3129



31.3626, 0.3099, 0.2467

Complementary

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



31.3626, 0.4198, 0.4233



16.8160, 0.2163, 0.2079

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.



31.3626, 0.2502, 0.2287



31.3626, 0.4198, 0.4233



31.3626, 0.1968, 0.2596

Square

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



31.3626, 0.4198, 0.4233



31.3626, 0.2464, 0.3813



31.3626, 0.2111, 0.2319



31.3626, 0.3771, 0.2819

Rectangle

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



31.3626, 0.4198, 0.4233



31.3626, 0.3260, 0.4452



31.3626, 0.2111, 0.2319



31.3626, 0.2883, 0.2386

Sweetspot

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



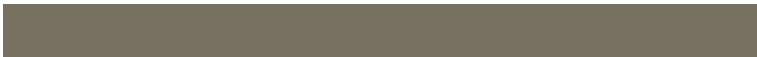
31.3641, 0.4198, 0.4233



75.1376, 0.3406, 0.3575



16.6224, 0.4206, 0.2787



16.3644, 0.3441, 0.3609



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



31.3641, 0.4198, 0.4233



51.9966, 0.4464, 0.4385



42.1639, 0.3784, 0.4703



9.9801, 0.3272, 0.3441



16.7587, 0.4930, 0.4468



0.7001, 0.4696, 0.4653

Inverse Universe

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



16.8160, 0.2163, 0.2079



23.1583, 0.1956, 0.1749



11.1887, 0.2171, 0.1543



9.2005, 0.2985, 0.3134



4.8745, 0.1642, 0.1110



0.2891, 0.1794, 0.1659

Previews

White Background



This preview shows how the Yxy color 31.3626, 0.4198, 0.4233 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 31.3626, 0.4198, 0.4233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

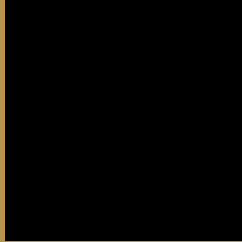
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3626, 0.4198, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 31.3626, 0.4198, 0.4233.



This preview shows how white text looks on a background with the Yxy color 31.3626, 0.4198, 0.4233.

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

31.3626, 0.4198, 0.4233

Protanopia

31.3605, 0.3986, 0.4337

Deuteranopia

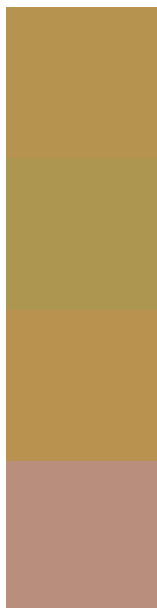
31.3801, 0.4261, 0.4174



Tritanopia

31.3586, 0.3552, 0.3140

Trichromacy



Original Color

31.3626, 0.4198, 0.4233

Protanomaly

31.2614, 0.4066, 0.4301

Deuteranomaly

31.4366, 0.4230, 0.4196

Tritanomaly

31.2403, 0.3808, 0.3545

Monochromacy



Original Color

31.3626, 0.4198, 0.4233

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.6315, 0.3513, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3626, 0.4198, 0.4233 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(182, 147, 78)` looks like.

```
.text, #text, p{  
    color:rgb(182, 147, 78)  
}
```

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(182, 147, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 147, 78) }
```

Border

The CSS property to change the border of an element to Yxy 31.3626, 0.4198, 0.4233 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(182, 147, 78) }
```

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

```
.border{ border-color:rgb(182, 147, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 147, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 147, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 147, 78);  
box-shadow:4px 4px 4px 4px rgb(182, 147,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3626, 0.4198, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 147, 78) }
```

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

```
.background{ background-color: rgb(182,  
147, 78) }
```

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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