

Converting Colors

$Y_{xy}(31.6027, 0.4018, 0.3937)$

Have a look what the booklet for
Yxy(31.6027, 0.4018, 0.3937)
contains.

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Color

Yxy(31.6682, 0.4019, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	B89264
RGB	184, 146, 100
RGB Percent	72%, 57%, 39%
CMY	0.2785, 0.4274, 0.6078
CMYK	0.00, 0.21, 0.46, 0.28
HSL	33°, 37%, 56%
HSV	33°, 46%, 72%
XYZ	32.3442, 31.6682, 16.4659
YIQ	152.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

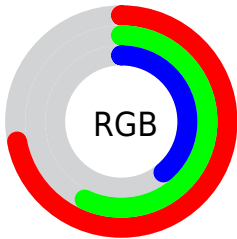
Format	Color
R _Y B	169, 184, 100
Decimal	12096100
CIE Lab	63.07, 8.27, 29.77
CIE LCh	63, 30.896, 74.476
Yxy	31.6682, 0.4019, 0.3935
Android (android.graphics.Color)	4290286180 (0xFFB89264)
YUV	152.1180, -25.6942, 27.9605
Hunter-Lab	56.2745, 4.1139, 22.0440

Details

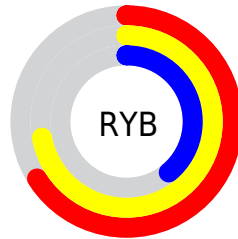
The Yxy color **31.6682, 0.4019, 0.3935** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.3424, 0.2391, 0.2531**, and the grayscale version is **31.5546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4202, 0.3849, 0.3823**, and **13.2808, 0.4301, 0.4122** is the 20% darker color. If you saturate the color by 10%, you get **28.8799, 0.4265, 0.4063**, and if you desaturate by 10%, it is **34.7267, 0.3787, 0.3794**.

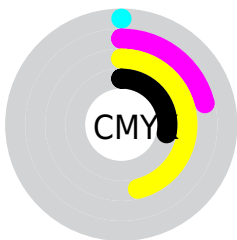
Distribution



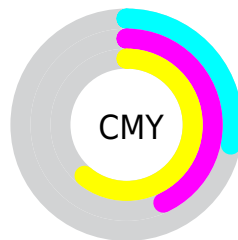
- Red (72%)
- Green (57%)
- Blue (39%)



- Red (66%)
- Yellow (72%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (28%)





- Cyan (28%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6682, 0.4019, 0.3935 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 31.6682, 0.4019, 0.3935 by changing the saturation by 10% instead.


 31.6682, 0.4019,
0.3935


 31.6682, 0.4019,
0.3935

309.6050, 0.3548,
0.3608

 21.1082, 0.4142,
0.4014


 62.2906, 0.3843,
0.3817


 13.2031, 0.4301,
0.4112


 83.1217, 0.3778,
0.3772

 7.5686, 0.4513,
0.4232


 108.1454, 0.3724,
0.3735

 3.8201, 0.4812,
0.4385

 137.7459, 0.3678,
0.3702

 1.5735, 0.5352,
0.4648

172.3078, 0.3638,
0.3674

 0.3396, 0.6071,
0.3929

212.2153, 0.3604,

 0.0000, 0.0000,

0.3649

0.0000

257.8529, 0.3574,
0.3628

■ 31.6682, 0.4019,
0.3935

■ 31.6682, 0.4019,
0.3935

■ 28.8799, 0.4265,
0.4063

■ 34.7267, 0.3787,
0.3794

■ 26.3479, 0.4518,
0.4167

■ 38.0596, 0.3575,
0.3648

■ 24.0634, 0.4765,
0.4235

■ 41.6768, 0.3384,
0.3504

■ 22.0150, 0.4993,
0.4255

■ 45.5860, 0.3214,
0.3365

■ 20.1893, 0.5187,
0.4223

■ 49.7949, 0.3064,
0.3234

■ 19.4543, 0.5267,
0.4200

■ 54.3106, 0.2932,
0.3112

■ 59.1399, 0.2817,
0.3000

■ 64.2896, 0.2715,
0.2897

■ 69.0645, 0.2682,
0.2911

Harmonies

Analogous

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



31.6682, 0.4104, 0.3577



31.6682, 0.4019, 0.3935



31.6682, 0.3689, 0.4158

Triad

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



31.6682, 0.4019, 0.3935



31.6682, 0.2400, 0.3327



31.6682, 0.2969, 0.2597

Complementary

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



31.6682, 0.4019, 0.3935



24.3424, 0.2391, 0.2531

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.



31.6682, 0.2547, 0.2506



31.6682, 0.4019, 0.3935



31.6682, 0.2240, 0.2880

Square

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



31.6682, 0.4019, 0.3935



31.6682, 0.2752, 0.3810



31.6682, 0.2292, 0.2596



31.6682, 0.3470, 0.2840

Rectangle

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



31.6682, 0.4019, 0.3935



31.6682, 0.3386, 0.4172



31.6682, 0.2292, 0.2596



31.6682, 0.2814, 0.2548

Sweetspot

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



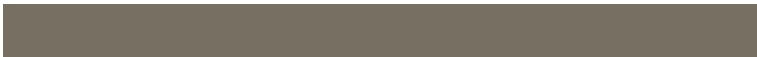
31.6697, 0.4019, 0.3935



76.5296, 0.3359, 0.3484



21.1743, 0.3754, 0.2742



16.1820, 0.3397, 0.3514



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.



31.6697, 0.4019, 0.3935



52.2281, 0.4272, 0.4066



45.0423, 0.3767, 0.4403



9.8056, 0.3274, 0.3415



13.5528, 0.5250, 0.4213



0.5996, 0.4908, 0.4485

Inverse Universe

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



24.3424, 0.2391, 0.2531



37.2680, 0.2227, 0.2321



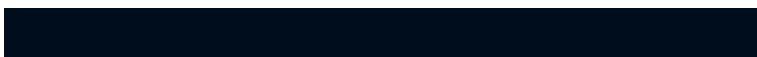
15.4480, 0.2303, 0.1894



9.3704, 0.2985, 0.3162



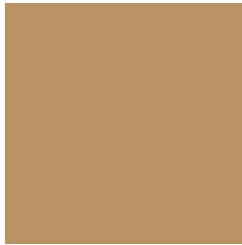
6.8084, 0.1735, 0.1445



0.3639, 0.1875, 0.1949

Previews

White Background



This preview shows how the Yxy color 31.6682, 0.4019, 0.3935 looks on a white background.

Color Contrast Check

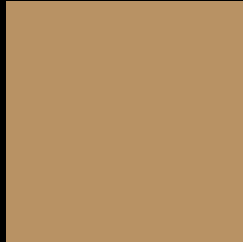
Large Text (above 18pt) WCAG AA × Fail

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 31.6682, 0.4019, 0.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

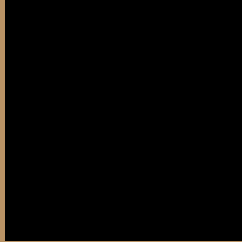
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6682, 0.4019, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 31.6682, 0.4019, 0.3935.



This preview shows how white text looks on a background with the Yxy color 31.6682, 0.4019, 0.3935.

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

31.6682, 0.4019, 0.3935

Protanopia

31.8687, 0.3749, 0.4041

Deuteranopia

31.6682, 0.4019, 0.3935



Tritanopia

31.7770, 0.3560, 0.3154

Trichromacy



Original Color

31.6682, 0.4019, 0.3935

Protanomaly

31.6562, 0.3853, 0.3994

Deuteranomaly

31.6682, 0.4019, 0.3935

Tritanomaly

31.5767, 0.3731, 0.3431

Monochromacy



Original Color

31.6682, 0.4019, 0.3935

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.3987, 0.3441, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6682, 0.4019, 0.3935 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(184, 146, 100)` looks like.

```
.text, #text, p{  
    color:rgb(184, 146, 100)  
}
```

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(184, 146, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 146, 100) }
```

Border

The CSS property to change the border of an element to Yxy 31.6682, 0.4019, 0.3935 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(184, 146, 100) }
```

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

```
.border{ border-color:rgb(184, 146, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 146, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 146, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 146, 100);  
box-shadow:4px 4px 4px 4px rgb(184, 146,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6682, 0.4019, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 146, 100) }
```

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

```
.background{ background-color: rgb(184,  
146, 100) }
```

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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