

Converting Colors

$Yxy(31.2962, 0.3902, 0.3684)$

Have a look what the booklet for
Yxy(31.2962, 0.3902, 0.3684)
contains.

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Color

Yxy(31.3218, 0.3902, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	BA8F73
RGB	186, 143, 115
RGB Percent	73%, 56%, 45%
CMY	0.2706, 0.4392, 0.5491
CMYK	0.00, 0.23, 0.38, 0.27
HSL	24°, 34%, 59%
HSV	24°, 38%, 73%
XYZ	33.1663, 31.3218, 20.5100
YIQ	152.6650, 34.6160, 0.4080

Conversions

Conversions Part 2

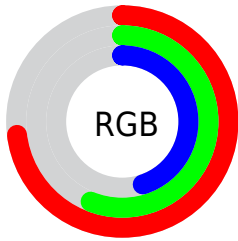
Format	Color
RYB	186, 161, 115
Decimal	12226419
CIELab	62.78, 12.45, 21.18
CIElCh	63, 24.565, 59.551
Yxy	31.3218, 0.3902, 0.3685
Android (android.graphics.Color)	4290416499 (0xFFBA8F73)
YUV	152.6650, -18.5688, 29.2348
Hunter-Lab	55.9659, 7.8416, 17.4479

Details

The Yxy color **31.3218, 0.3902, 0.3685** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **31.6342, 0.2539, 0.2853**, and the grayscale version is **31.7731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7772, 0.3742, 0.3617**, and **13.0592, 0.4150, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **27.7244, 0.4179, 0.3787**, and if you desaturate by 10%, it is **35.3480, 0.3657, 0.3578**.

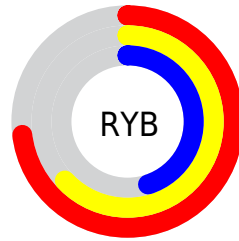
Distribution



Red (73%)

Green (56%)

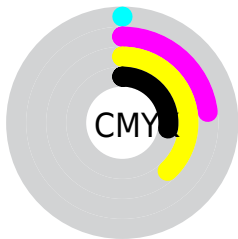
Blue (45%)



Red (73%)

Yellow (63%)

Blue (45%)

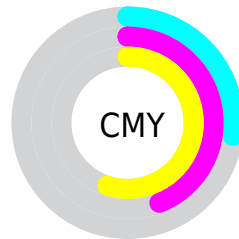


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3218, 0.3902, 0.3685 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 31.3218, 0.3902, 0.3685 by changing the saturation by 10% instead.


 31.3218, 0.3902,
0.3685


 31.3218, 0.3902,
0.3685


308.0181, 0.3487,
0.3487

 20.8440, 0.4014,
0.3733


 61.7464, 0.3745,
0.3614


 13.0100, 0.4163,
0.3793


 82.4619, 0.3688,
0.3586

 7.4355, 0.4369,
0.3868


 107.3589, 0.3640,
0.3563

 3.7359, 0.4667,
0.3958

 136.8216, 0.3600,
0.3544

 1.5269, 0.5493,
0.4338

171.2345, 0.3566,
0.3527

 0.3076, 0.6597,
0.3403

210.9819, 0.3536,

 0.0000, 0.0000,

0.3512

0.0000

256.4483, 0.3510,
0.3498

■ 31.3218, 0.3902,
0.3685

■ 31.3218, 0.3902,
0.3685

■ 27.7244, 0.4179,
0.3787

■ 35.3480, 0.3657,
0.3578

■ 24.5361, 0.4483,
0.3874

■ 39.8128, 0.3443,
0.3472

■ 21.7422, 0.4804,
0.3936


■ 44.7314, 0.3258,
0.3369

■ 19.3252, 0.5124,
0.3960


■ 50.1167, 0.3100,
0.3273


■ 17.2657, 0.5419,
0.3935

■ 55.9811, 0.2965,
0.3184


 15.5393, 0.5669,
0.3861

 62.3366, 0.2848,
0.3102

 15.2573, 0.5712,
0.3846

 69.1947, 0.2749,
0.3027

 75.9879, 0.2708,
0.3050

 82.5715, 0.2720,
0.3174

Harmonies

Analogous

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



31.3218, 0.3851, 0.3374



31.3218, 0.3902, 0.3685



31.3218, 0.3733, 0.3921

Triad

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



31.3218, 0.3902, 0.3685



31.3218, 0.2669, 0.3517



31.3218, 0.2820, 0.2671

Complementary

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



31.3218, 0.3902, 0.3685



31.6342, 0.2539, 0.2853

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.



31.3218, 0.2536, 0.2673



31.3218, 0.3902, 0.3685



31.3218, 0.2452, 0.3136

Square

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



31.3218, 0.3902, 0.3685



31.3218, 0.3014, 0.3847



31.3218, 0.2406, 0.2832



31.3218, 0.3205, 0.2812

Rectangle

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



31.3218, 0.3902, 0.3685



31.3218, 0.3526, 0.3992



31.3218, 0.2406, 0.2832



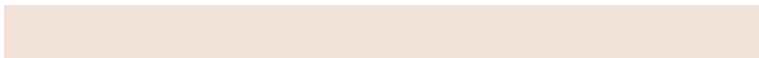
31.3218, 0.2711, 0.2655

Sweetspot

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



31.3233, 0.3902, 0.3685



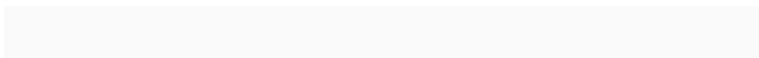
78.3157, 0.3311, 0.3399



25.1913, 0.3483, 0.2690



16.9760, 0.3335, 0.3413



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



31.3233, 0.3902, 0.3685



51.1328, 0.4138, 0.3773



43.4053, 0.3729, 0.4128



9.5781, 0.3278, 0.3381



10.4015, 0.5689, 0.3865



0.4885, 0.5215, 0.4241

Inverse Universe

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



31.6342, 0.2539, 0.2853



51.7512, 0.2413, 0.2735



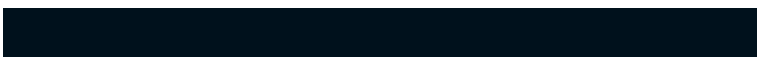
21.4200, 0.2456, 0.2283



9.5996, 0.2985, 0.3198



10.4205, 0.1878, 0.1961



0.4844, 0.1984, 0.2342

Previews

White Background



This preview shows how the Yxy color 31.3218, 0.3902, 0.3685 looks on a white background.

Color Contrast Check

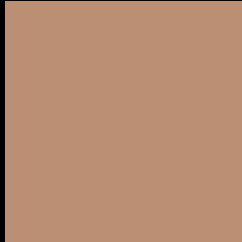
Large Text (above 18pt) WCAG AA × Fail

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 31.3218, 0.3902, 0.3685 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 31.3218, 0.3902, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 31.3218, 0.3902, 0.3685.



This preview shows how white text looks on a background with the Yxy color 31.3218, 0.3902, 0.3685.

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

31.3218, 0.3902, 0.3685

Protanopia

31.4698, 0.3553, 0.3796

Deuteranopia

31.3564, 0.3819, 0.3753



Tritanopia

31.1657, 0.3577, 0.3140

Trichromacy



Original Color

31.3218, 0.3902, 0.3685

Protanomaly

31.4608, 0.3674, 0.3752

Deuteranomaly

31.4108, 0.3857, 0.3733

Tritanomaly

31.2537, 0.3694, 0.3333

Monochromacy



Original Color

31.3218, 0.3902, 0.3685

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3583, 0.3393, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3218, 0.3902, 0.3685 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(186, 143, 115)` looks like.

```
.text, #text, p{  
    color:rgb(186, 143, 115)  
}
```

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(186, 143, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 143, 115) }
```

Border

The CSS property to change the border of an element to Yxy 31.3218, 0.3902, 0.3685 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(186, 143, 115) }
```

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

```
.border{ border-color:rgb(186, 143, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 143, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 143, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 143, 115);  
box-shadow:4px 4px 4px 4px rgb(186, 143,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3218, 0.3902, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 143, 115) }
```

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

```
.background{ background-color: rgb(186,  
143, 115) }
```

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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