

Converting Colors

Yxy(31.2943, 0.3739, 0.3490)

Have a look what the booklet for
Yxy(31.2943, 0.3739, 0.3490)
contains.

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Color

Yxy(31.0949, 0.3742, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	B88E80
RGB	184, 142, 128
RGB Percent	72%, 56%, 50%
CMY	0.2783, 0.4432, 0.4981
CMYK	0.00, 0.23, 0.30, 0.28
HSL	15°, 28%, 61%
HSV	15°, 30%, 72%
XYZ	33.3401, 31.0949, 24.6621
YIQ	152.9620, 29.5260, 4.5500

Conversions

Conversions Part 2

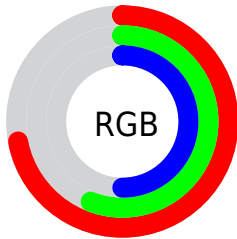
Format	Color
RYB	184, 147, 128
Decimal	12095104
CIELab	62.59, 13.89, 13.58
CIElCh	63, 19.423, 44.368
Yxy	31.0949, 0.3742, 0.3490
Android (android.graphics.Color)	4290285184 (0xFFB88E80)
YUV	152.9620, -12.3063, 27.2203
Hunter-Lab	55.7628, 9.1389, 12.8119

Details

The Yxy color **31.0949, 0.3742, 0.3490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8057, 0.2672, 0.3079**, and the grayscale version is **31.8838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5168, 0.3614, 0.3455**, and **12.9646, 0.3952, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **26.7991, 0.4024, 0.3558**, and if you desaturate by 10%, it is **35.9901, 0.3503, 0.3421**.

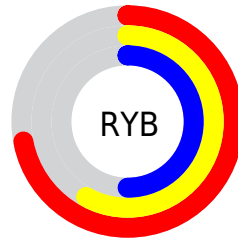
Distribution



Red (72%)

Green (56%)

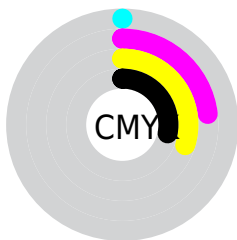
Blue (50%)



Red (72%)

Yellow (58%)

Blue (50%)

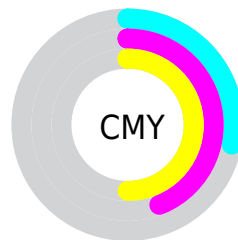


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0949, 0.3742, 0.3490 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 31.0949, 0.3742, 0.3490 by changing the saturation by 10% instead.


 31.0949, 0.3742,
0.3490


 31.0949, 0.3742,
0.3490


306.9753, 0.3411,
0.3391

 20.6711, 0.3833,
0.3514


 61.3895, 0.3616,
0.3454

 12.8838, 0.3955,
0.3544

 82.0290, 0.3570,
0.3441

 7.3486, 0.4126,
0.3581


 106.8426, 0.3532,
0.3429

 3.6810, 0.4384,
0.3626

136.2147, 0.3501,
0.3419

 1.4968, 0.4870,
0.3719

170.5296, 0.3473,
0.3411

 0.2865, 0.6809,
0.3191

210.1717, 0.3450,

 0.0000, 0.0000,

0.3403

0.0000

255.5255, 0.3429,
0.3397

■ 31.0949, 0.3742,
0.3490

■ 31.0949, 0.3742,
0.3490

■ 26.7991, 0.4024,
0.3558

■ 35.9901, 0.3503,
0.3421

■ 23.0750, 0.4351,
0.3620

■ 41.5023, 0.3302,
0.3355

■ 19.8993, 0.4717,
0.3669

■ 47.6537, 0.3134,
0.3293


■ 17.2452, 0.5105,
0.3693


■ 54.4642, 0.2994,
0.3235


■ 15.0837, 0.5488,
0.3683

■ 61.9527, 0.2876,
0.3183

 13.3824, 0.5823,
0.3632

 70.1375, 0.2777,
0.3135

 12.1476, 0.6076,
0.3557

 78.9191, 0.2703,
0.3110

 87.2943, 0.2718,
0.3261

 88.9334, 0.2721,
0.3289

Harmonies

Analogous

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



31.0949, 0.3612, 0.3232



31.0949, 0.3742, 0.3490



31.0949, 0.3696, 0.3714

Triad

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



31.0949, 0.3742, 0.3490



31.0949, 0.2895, 0.3611



31.0949, 0.2755, 0.2778

Complementary

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



31.0949, 0.3742, 0.3490



36.8057, 0.2672, 0.3079

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.



31.0949, 0.2583, 0.2847



31.0949, 0.3742, 0.3490



31.0949, 0.2660, 0.3322

Square

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



31.0949, 0.3742, 0.3490



31.0949, 0.3199, 0.3805



31.0949, 0.2549, 0.3041



31.0949, 0.3031, 0.2834

Rectangle

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



31.0949, 0.3742, 0.3490



31.0949, 0.3576, 0.3812



31.0949, 0.2549, 0.3041



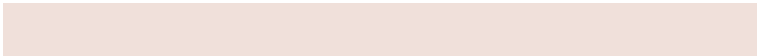
31.0949, 0.2683, 0.2787

Sweetspot

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



31.0964, 0.3742, 0.3490



76.5950, 0.3278, 0.3347



28.5669, 0.3299, 0.2706



16.1806, 0.3305, 0.3356



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.



31.0964, 0.3742, 0.3490



50.6643, 0.3940, 0.3539



40.1579, 0.3634, 0.3854



9.3673, 0.3282, 0.3348



8.4666, 0.6055, 0.3574



0.3998, 0.5541, 0.3982

Inverse Universe

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



36.8057, 0.2672, 0.3079



62.7530, 0.2571, 0.3022



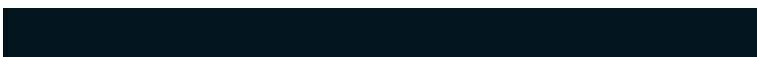
27.6741, 0.2624, 0.2653



9.8201, 0.2985, 0.3232



15.0299, 0.2020, 0.2471



0.6218, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 31.0949, 0.3742, 0.3490 looks on a white background.

Color Contrast Check

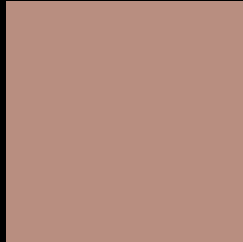
Large Text (above 18pt) WCAG AA × Fail

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 31.0949, 0.3742, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

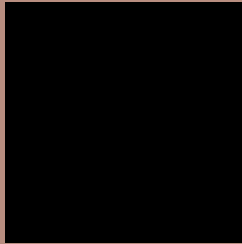
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0949, 0.3742, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 31.0949, 0.3742, 0.3490.



This preview shows how white text looks on a background with the Yxy color 31.0949, 0.3742, 0.3490.

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

31.0949, 0.3742, 0.3490

Protanopia

31.1976, 0.3385, 0.3568

Deuteranopia

31.2040, 0.3636, 0.3569



Tritanopia

31.1063, 0.3530, 0.3139

Trichromacy



Original Color

31.0949, 0.3742, 0.3490

Protanomaly

31.1433, 0.3510, 0.3546

Deuteranomaly

31.2481, 0.3674, 0.3552

Tritanomaly

31.0234, 0.3605, 0.3263

Monochromacy



Original Color

31.0949, 0.3742, 0.3490

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4010, 0.3332, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0949, 0.3742, 0.3490 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, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 128)  
}
```

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, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 128) }
```

Border

The CSS property to change the border of an element to Yxy 31.0949, 0.3742, 0.3490 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, 142, 128) }
```

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

```
.border{ border-color:rgb(184, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0949, 0.3742, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 128) }
```

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

```
.background{ background-color: rgb(184,  
142, 128) }
```

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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