

Converting Colors

$Yxy(30.3694, 0.3847, 0.3745)$

Have a look what the booklet for
Yxy(30.3694, 0.3847, 0.3745)
contains.

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Color

Yxy(30.2798, 0.3844, 0.3742)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B28F70 |
| RGB | 178, 143, 112 |
| RGB Percent | 70%, 56%, 44% |
| CMY | 0.3020, 0.4392, 0.5608 |
| CMYK | 0.00, 0.20, 0.37, 0.30 |
| HSL | 28°, 30%, 57% |
| HSV | 28°, 37%, 70% |
| XYZ | 31.1052, 30.2798, 19.5338 |
| YIQ | 149.9310, 30.8110, -2.2210 |

Conversions

Conversions Part 2

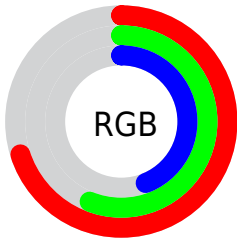
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 178, 170, 112 |
| Decimal | 11702128 |
| CIELab | 61.89, 8.81, 21.50 |
| CIELCh | 62, 23.237, 67.723 |
| Yxy | 30.2798, 0.3844, 0.3742 |
| Android (android.graphics.Color) | 4289892208 (0xFFB28F70) |
| YUV | 149.9310, -18.7000, 24.6165 |
| Hunter-Lab | 55.0271, 4.6033, 17.4719 |

Details

The Yxy color **30.2798, 0.3844, 0.3742** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5193, 0.2546, 0.2786**, and the grayscale version is **30.5398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2750, 0.3698, 0.3659**, and **12.4840, 0.4084, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **27.2083, 0.4097, 0.3863**, and if you desaturate by 10%, it is **33.6708, 0.3616, 0.3616**.

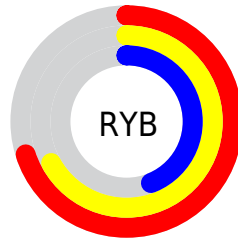
Distribution



Red (70%)

Green (56%)

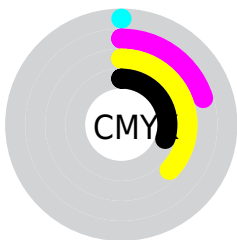
Blue (44%)



Red (70%)

Yellow (67%)

Blue (44%)

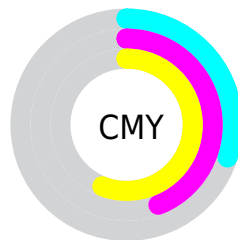


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (30%)



Cyan (30%)


Magenta (44%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2798, 0.3844, 0.3742 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 30.2798, 0.3844, 0.3742 by changing the saturation by 10% instead.


 30.2798, 0.3844,
0.3742


 30.2798, 0.3844,
0.3742


303.2065, 0.3459,
0.3510


 20.0511, 0.3948,
0.3801


 60.1044, 0.3698,
0.3657


 12.4322, 0.4087,
0.3875


 80.4690, 0.3645,
0.3625

 7.0387, 0.4279,
0.3972


 104.9811, 0.3601,
0.3598

 3.4863, 0.4557,
0.4096

 134.0249, 0.3564,
0.3575

 1.3906, 0.5402,
0.4598

167.9850, 0.3532,
0.3555

 0.2098, 0.6639,
0.3361

207.2457, 0.3504,

 0.0000, 0.0000,

0.3538

0.0000

252.1914, 0.3480,
0.3523

■ 30.2798, 0.3844,
0.3742

■ 30.2798, 0.3844,
0.3742

■ 27.2083, 0.4097,
0.3863

■ 33.6708, 0.3616,
0.3616

■ 24.4415, 0.4370,
0.3971

■ 37.3870, 0.3415,
0.3491

■ 21.9697, 0.4656,
0.4054

■ 41.4391, 0.3238,
0.3371

■ 19.7807, 0.4939,
0.4099

■ 45.8361, 0.3084,
0.3258

■ 17.8614, 0.5201,
0.4096

■ 50.5865, 0.2951,
0.3153

■ 16.1949, 0.5427,
0.4042

■ 55.6988, 0.2835,
0.3056

■ 15.7488, 0.5491,
0.4022

■ 61.1807, 0.2735,
0.2967

■ 67.0401, 0.2647,
0.2885

■ 72.1273, 0.2656,
0.2988

Harmonies

Analogous

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



30.2798, 0.3854, 0.3456



30.2798, 0.3844, 0.3742



30.2798, 0.3634, 0.3932

Triad

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



30.2798, 0.3844, 0.3742



30.2798, 0.2617, 0.3408



30.2798, 0.2928, 0.2720

Complementary

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



30.2798, 0.3844, 0.3742



27.5193, 0.2546, 0.2786

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.



30.2798, 0.2622, 0.2683



30.2798, 0.3844, 0.3742



30.2798, 0.2451, 0.3053

Square

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



30.2798, 0.3844, 0.3742



30.2798, 0.2921, 0.3749



30.2798, 0.2453, 0.2795



30.2798, 0.3307, 0.2888

Rectangle

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



30.2798, 0.3844, 0.3742



30.2798, 0.3415, 0.3964



30.2798, 0.2453, 0.2795



30.2798, 0.2814, 0.2692

Sweetspot

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



30.2812, 0.3844, 0.3742



72.0587, 0.3308, 0.3420



23.1645, 0.3538, 0.2784



15.7467, 0.3331, 0.3436



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.2812, 0.3844, 0.3742



50.5869, 0.4036, 0.3836



41.6014, 0.3684, 0.4169



9.1418, 0.3276, 0.3397



11.3940, 0.5473, 0.4037



0.4756, 0.5027, 0.4390

Inverse Universe

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



27.5193, 0.2546, 0.2786



44.8806, 0.2426, 0.2660



18.7381, 0.2467, 0.2227



8.9509, 0.2985, 0.3180



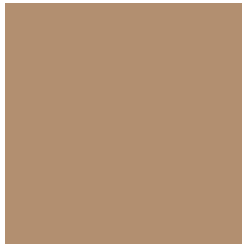
8.1998, 0.1806, 0.1703



0.3736, 0.1941, 0.2187

Previews

White Background



This preview shows how the Yxy color 30.2798, 0.3844, 0.3742 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 30.2798, 0.3844, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

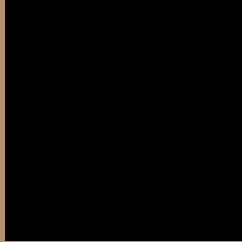
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2798, 0.3844, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 30.2798, 0.3844, 0.3742.



This preview shows how white text looks on a background with the Yxy color 30.2798, 0.3844, 0.3742.

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

30.2798, 0.3844, 0.3742

Protanopia

30.5241, 0.3579, 0.3833

Deuteranopia

30.4635, 0.3828, 0.3758



Tritanopia

30.2920, 0.3500, 0.3136

Trichromacy



Original Color

30.2798, 0.3844, 0.3742

Protanomaly

30.2978, 0.3679, 0.3791

Deuteranomaly

30.4635, 0.3828, 0.3758

Tritanomaly

30.3575, 0.3627, 0.3349

Monochromacy



Original Color

30.2798, 0.3844, 0.3742

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.1186, 0.3374, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2798, 0.3844, 0.3742 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(178, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(178, 143, 112)  
}
```

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(178, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 143, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.2798, 0.3844, 0.3742 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(178, 143, 112) }
```

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

```
.border{ border-color:rgb(178, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(178, 143,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2798, 0.3844, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 143, 112) }
```

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

```
.background{ background-color: rgb(178,  
143, 112) }
```

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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