

Converting Colors

$Yxy(31.0038, 0.3427, 0.3735)$

Have a look what the booklet for
Yxy(31.0038, 0.3427, 0.3735)
contains.

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Color

Yxy(30.8803, 0.3428, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	9B987C
RGB	155, 152, 124
RGB Percent	61%, 60%, 49%
CMY	0.3922, 0.4039, 0.5138
CMYK	0.00, 0.02, 0.20, 0.39
HSL	54°, 13%, 55%
HSV	54°, 20%, 61%
XYZ	28.3801, 30.8803, 23.5286
YIQ	149.7050, 10.7760, -8.0720

Conversions

Conversions Part 2

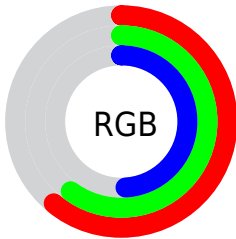
Format	Color
RYB	127, 155, 124
Decimal	10197116
CIELab	62.41, -3.77, 15.17
CIELCh	62, 15.628, 103.951
Yxy	30.8803, 0.3428, 0.3730
Android (android.graphics.Color)	4288387196 (0xFF9B987C)
YUV	149.7050, -12.6726, 4.6437
Hunter-Lab	55.5700, -6.0862, 13.7953

Details

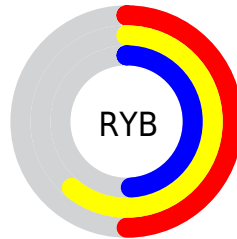
The Yxy color **30.8803, 0.3428, 0.3730** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.8167, 0.2807, 0.2808**, and the grayscale version is **30.4181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0186, 0.3368, 0.3632**, and **12.7584, 0.3536, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **30.0413, 0.3585, 0.3955**, and if you desaturate by 10%, it is **31.7897, 0.3274, 0.3507**.

Distribution



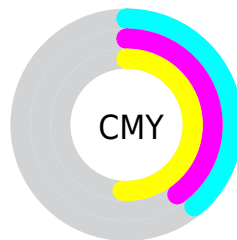
- Red (61%)
- Green (60%)
- Blue (49%)



- Red (50%)
- Yellow (61%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (39%)





- Cyan (39%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8803, 0.3428, 0.3730 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 30.8803, 0.3428, 0.3730 by changing the saturation by 10% instead.


 30.8803, 0.3428,
0.3730


 30.8803, 0.3428,
0.3730


305.9865, 0.3269,
0.3493


 20.5077, 0.3471,
0.3795


 61.0516, 0.3368,
0.3640

 12.7646, 0.3527,
0.3882


 81.6190, 0.3346,
0.3607

 7.2667, 0.3605,
0.4006


 106.3536, 0.3328,
0.3580

 3.6294, 0.3718,
0.4191

135.6396, 0.3312,
0.3557

 1.4685, 0.4003,
0.4626

169.8615, 0.3299,
0.3538

 0.2664, 0.3770,
0.6230

209.4037, 0.3288,

 0.0000, 0.0000,

0.3521

0.0000

254.6506, 0.3278,
0.3506

■ 30.8803, 0.3428,
0.3730

■ 30.8803, 0.3428,
0.3730

■ 30.0413, 0.3585,
0.3955

■ 31.7897, 0.3274,
0.3507

■ 29.2656, 0.3742,
0.4173

■ 32.7681, 0.3127,
0.3290

■ 28.5516, 0.3893,
0.4377

■ 33.8194, 0.2989,
0.3084

■ 27.8959, 0.4031,
0.4557

■ 34.9461, 0.2861,
0.2890

■ 27.2946, 0.4151,
0.4705

■ 36.1503, 0.2744,
0.2711

■ 26.7434, 0.4248,
0.4814

■ 37.4343, 0.2637,
0.2546

■ 26.2375, 0.4319,
0.4880

■ 38.8002, 0.2540,
0.2396

■ 25.7645, 0.4369,
0.4913

■ 40.2501, 0.2453,
0.2259

■ 25.7644, 0.4369,
0.4913

■ 41.2283, 0.2417,
0.2211

Harmonies

Analogous

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



30.8803, 0.3588, 0.3634



30.8803, 0.3428, 0.3730



30.8803, 0.3191, 0.3703

Triad

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



30.8803, 0.3428, 0.3730



30.8803, 0.2657, 0.3095



30.8803, 0.3302, 0.3049

Complementary

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



30.8803, 0.3428, 0.3730



21.8167, 0.2807, 0.2808

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.



30.8803, 0.3047, 0.2916



30.8803, 0.3428, 0.3730



30.8803, 0.2683, 0.2934

Square

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



30.8803, 0.3428, 0.3730



30.8803, 0.2751, 0.3322



30.8803, 0.2823, 0.2873



30.8803, 0.3515, 0.3242

Rectangle

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



30.8803, 0.3428, 0.3730



30.8803, 0.3023, 0.3613



30.8803, 0.2823, 0.2873



30.8803, 0.3218, 0.2997

Sweetspot

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



30.8817, 0.3428, 0.3730



57.6143, 0.3216, 0.3422



22.9130, 0.3473, 0.3241



13.0174, 0.3225, 0.3434



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.8817, 0.3428, 0.3730



54.6348, 0.3498, 0.3831



30.6929, 0.3290, 0.3794



7.1218, 0.3262, 0.3489



20.7305, 0.4367, 0.4914



0.3354, 0.4281, 0.4983

Inverse Universe

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



21.8167, 0.2807, 0.2808



35.3823, 0.2727, 0.2685



22.0442, 0.2939, 0.2776



6.1168, 0.2988, 0.3082



2.1997, 0.1523, 0.0684



0.0549, 0.1628, 0.1061

Previews

White Background



This preview shows how the Yxy color 30.8803, 0.3428, 0.3730 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 30.8803, 0.3428, 0.3730 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

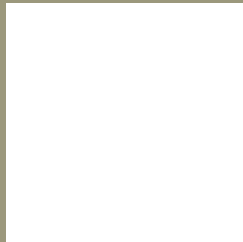
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.8803, 0.3428, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 30.8803, 0.3428, 0.3730.



This preview shows how white text looks on a background with the Yxy color 30.8803, 0.3428, 0.3730.

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

30.8803, 0.3428, 0.3730

Protanopia

31.0369, 0.3495, 0.3723

Deuteranopia

30.7301, 0.3650, 0.3586



Tritanopia

30.8442, 0.3146, 0.3111

Trichromacy



Original Color

30.8803, 0.3428, 0.3730

Protanomaly

30.8324, 0.3473, 0.3726

Deuteranomaly

30.8760, 0.3562, 0.3638

Tritanomaly

30.8393, 0.3249, 0.3336

Monochromacy



Original Color

30.8803, 0.3428, 0.3730

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.7317, 0.3233, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8803, 0.3428, 0.3730 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(155, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 124)  
}
```

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(155, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 124) }
```

Border

The CSS property to change the border of an element to Yxy 30.8803, 0.3428, 0.3730 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(155, 152, 124) }
```

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

```
.border{ border-color:rgb(155, 152, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 152, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 152, 124); box-shadow:4px 4px 4px 4px rgb(155, 152, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8803, 0.3428, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 124) }
```

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

```
.background{ background-color: rgb(155,  
152, 124) }
```

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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