

Converting Colors

Yxy(30.9216, 0.4320, 0.3870)

Have a look what the booklet for
Yxy(30.9216, 0.4320, 0.3870)
contains.

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Color

Yxy(30.8237, 0.4321, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	C7895D
RGB	199, 137, 93
RGB Percent	78%, 54%, 36%
CMY	0.2195, 0.4628, 0.6353
CMYK	0.00, 0.31, 0.53, 0.22
HSL	25°, 49%, 57%
HSV	25°, 53%, 78%
XYZ	34.4782, 30.8237, 14.4903
YIQ	150.5220, 51.0760, -0.5400

Conversions

Conversions Part 2

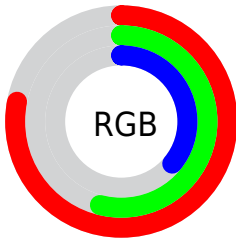
Format	Color
RYB	199, 168, 93
Decimal	13076829
CIELab	62.36, 18.84, 32.99
CIElCh	62, 37.991, 60.271
Yxy	30.8237, 0.4321, 0.3863
Android (android.graphics.Color)	4291266909 (0xFFC7895D)
YUV	150.5220, -28.3583, 42.5152
Hunter-Lab	55.5191, 13.6927, 23.3889

Details

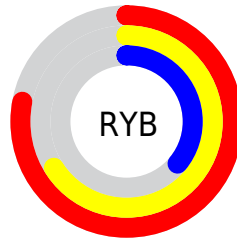
The Yxy color **30.8237, 0.4321, 0.3863** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **29.9044, 0.2311, 0.2603**, and the grayscale version is **30.8408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5352, 0.4054, 0.3781**, and **12.7644, 0.4694, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **27.3836, 0.4629, 0.3944**, and if you desaturate by 10%, it is **34.7158, 0.4034, 0.3762**.

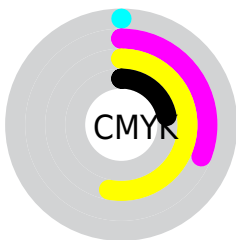
Distribution



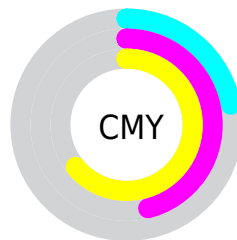
- Red (78%)
- Green (54%)
- Blue (36%)



- Red (78%)
- Yellow (66%)
- Blue (36%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (22%)





- Cyan (22%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8237, 0.4321, 0.3863 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 30.8237, 0.4321, 0.3863 by changing the saturation by 10% instead.


 30.8237, 0.4321,
0.3863


 30.8237, 0.4321,
0.3863


305.7253, 0.3686,
0.3591

 20.4646, 0.4487,
0.3920


 60.9624, 0.4084,
0.3771


 12.7332, 0.4701,
0.3982


 81.5108, 0.3996,
0.3734

 7.2451, 0.4984,
0.4045


 106.2245, 0.3923,
0.3702

 3.6159, 0.5426,
0.4130

 135.4878, 0.3861,
0.3674

 1.4611, 0.5937,
0.4063

169.6851, 0.3808,
0.3649

 0.2611, 0.7306,
0.2694

209.2009, 0.3762,

 0.0000, 0.0000,

0.3628

0.0000

254.4195, 0.3722,
0.3608

■ 30.8237, 0.4321,
0.3863

■ 30.8237, 0.4321,
0.3863

■ 27.3836, 0.4629,
0.3944

■ 34.7158, 0.4034,
0.3762

■ 24.3725, 0.4944,
0.3991

■ 39.0728, 0.3775,
0.3651

■ 21.7716, 0.5244,
0.3993

■ 43.9122, 0.3547,
0.3538

■ 19.5583, 0.5508,
0.3942

■ 49.2496, 0.3349,
0.3428

■ 18.2669, 0.5663,
0.3886

■ 55.0995, 0.3178,
0.3323

■ 61.4759, 0.3031,
0.3225

■ 68.3921, 0.2904,
0.3134

■ 75.8612, 0.2795,
0.3051

■ 82.7428, 0.2790,
0.3149

Harmonies

Analogous

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



30.8237, 0.4264, 0.3397



30.8237, 0.4321, 0.3863



30.8237, 0.4032, 0.4249

Triad

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



30.8237, 0.4321, 0.3863



30.8237, 0.2410, 0.3626



30.8237, 0.2663, 0.2374

Complementary

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



30.8237, 0.4321, 0.3863



29.9044, 0.2311, 0.2603

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.



30.8237, 0.2244, 0.2357



30.8237, 0.4321, 0.3863



30.8237, 0.2107, 0.3012

Square

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



30.8237, 0.4321, 0.3863



30.8237, 0.2919, 0.4180



30.8237, 0.2053, 0.2566



30.8237, 0.3250, 0.2585

Rectangle

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



30.8237, 0.4321, 0.3863



30.8237, 0.3703, 0.4390



30.8237, 0.2053, 0.2566



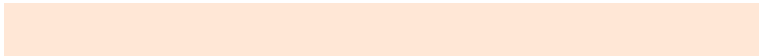
30.8237, 0.2500, 0.2345

Sweetspot

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



30.8252, 0.4321, 0.3863



83.3498, 0.3405, 0.3460



22.3959, 0.3717, 0.2483



17.4187, 0.3446, 0.3483



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.8252, 0.4321, 0.3863



47.0044, 0.4681, 0.3954



49.0791, 0.3956, 0.4453



11.3479, 0.3279, 0.3386



11.9080, 0.5639, 0.3905



0.7061, 0.5267, 0.4200

Inverse Universe

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



29.9044, 0.2311, 0.2603



45.1450, 0.2158, 0.2419



16.2743, 0.2142, 0.1766



11.3012, 0.2983, 0.3192



10.9228, 0.1857, 0.1884



0.6577, 0.1947, 0.2208

Previews

White Background



This preview shows how the Yxy color 30.8237, 0.4321, 0.3863 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 30.8237, 0.4321, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

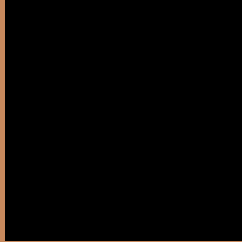
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8237, 0.4321, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 30.8237, 0.4321, 0.3863.



This preview shows how white text looks on a background with the Yxy color 30.8237, 0.4321, 0.3863.

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

30.8237, 0.4321, 0.3863

Protanopia

30.9076, 0.3785, 0.4094

Deuteranopia

30.7691, 0.4112, 0.4030



Tritanopia

30.8522, 0.3848, 0.3162

Trichromacy



Original Color

30.8237, 0.4321, 0.3863

Protanomaly

30.7494, 0.3981, 0.4011

Deuteranomaly

30.6413, 0.4191, 0.3958

Tritanomaly

30.7869, 0.4031, 0.3411

Monochromacy



Original Color

30.8237, 0.4321, 0.3863

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4943, 0.3527, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8237, 0.4321, 0.3863 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(199, 137, 93)` looks like.

```
.text, #text, p{  
    color:rgb(199, 137, 93)  
}
```

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(199, 137, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 137, 93) }
```

Border

The CSS property to change the border of an element to Yxy 30.8237, 0.4321, 0.3863 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(199, 137, 93) }
```

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

```
.border{ border-color:rgb(199, 137, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 137, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 137, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 137, 93);  
box-shadow:4px 4px 4px 4px rgb(199, 137,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8237, 0.4321, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 137, 93) }
```

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

```
.background{ background-color: rgb(199,  
137, 93) }
```

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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