

Converting Colors

$Y_{xy}(28.3000, 0.3920, 0.3732)$

Have a look what the booklet for
Yxy(28.3000, 0.3920, 0.3732)
contains.

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Color

Yxy(28.3000, 0.3920, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	B1896B
RGB	177, 137, 107
RGB Percent	69%, 54%, 42%
CMY	0.3060, 0.4627, 0.5804
CMYK	0.00, 0.23, 0.40, 0.31
HSL	26°, 31%, 56%
HSV	26°, 40%, 69%
XYZ	29.7256, 28.3000, 17.8050
YIQ	145.5400, 33.4700, -0.8500

Conversions

Conversions Part 2

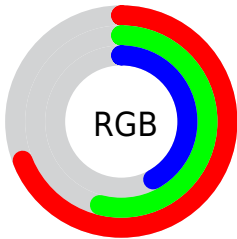
Format	Color
R_{YB}	177, 160, 107
Decimal	11635051
CIE _{Lab}	60.16, 11.12, 21.94
CIE _{LCh}	60, 24.598, 63.121
Yxy	28.3000, 0.3920, 0.3732
Android (android.graphics.Color)	4289825131 (0xFFB1896B)
YUV	145.5400, -19.0002, 27.5904
Hunter-Lab	53.1977, 6.6454, 17.3943

Details

The Yxy color **28.3000, 0.3920, 0.3732** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.1507, 0.2515, 0.2796**, and the grayscale version is **28.6154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8225, 0.3754, 0.3640**, and **11.3431, 0.4208, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **25.2262, 0.4190, 0.3841**, and if you desaturate by 10%, it is **31.7218, 0.3678, 0.3617**.

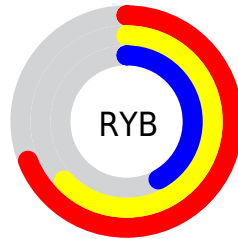
Distribution



Red (69%)

Green (54%)

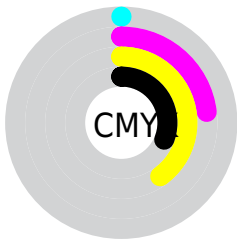
Blue (42%)



Red (69%)

Yellow (63%)

Blue (42%)

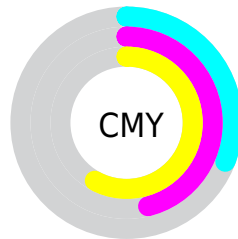


Cyan (0%)

Magenta (23%)

Yellow (40%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3000, 0.3920, 0.3732 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 28.3000, 0.3920, 0.3732 by changing the saturation by 10% instead.


 28.3000, 0.3920,
0.3732


 28.3000, 0.3920,
0.3732


293.8977, 0.3489,
0.3505


 18.5519, 0.4039,
0.3788


 56.9631, 0.3755,
0.3649

 11.3470, 0.4197,
0.3859


 76.6468, 0.3696,
0.3618

 6.3007, 0.4418,
0.3948


 100.4113, 0.3647,
0.3592

 3.0288, 0.4742,
0.4057

 128.6408, 0.3605,
0.3570

 1.1468, 0.5576,
0.4424

161.7198, 0.3570,
0.3550

 0.0176, 0.9425,
0.0575

200.0327, 0.3539,

 0.0000, 0.0000,

0.3533

0.0000

243.9639, 0.3513,
0.3519

■ 28.3000, 0.3920,
0.3732

■ 28.3000, 0.3920,
0.3732

■ 25.2262, 0.4190,
0.3841

■ 31.7218, 0.3678,
0.3617

■ 22.4843, 0.4482,
0.3934

■ 35.4990, 0.3465,
0.3502

■ 20.0628, 0.4787,
0.3999

■ 39.6436, 0.3280,
0.3390

■ 17.9477, 0.5088,
0.4025

■ 44.1659, 0.3120,
0.3285

■ 16.1238, 0.5361,
0.4001

■ 49.0758, 0.2982,
0.3188

■ 14.5682, 0.5598,
0.3932

■ 54.3826, 0.2863,
0.3097

■ 14.5019, 0.5609,
0.3929

■ 60.0955, 0.2761,
0.3015

■ 66.2234, 0.2672,
0.2939

■ 72.0272, 0.2651,
0.2988

Harmonies

Analogous

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



28.3000, 0.3896, 0.3415



28.3000, 0.3920, 0.3732



28.3000, 0.3720, 0.3962

Triad

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



28.3000, 0.3920, 0.3732



28.3000, 0.2618, 0.3478



28.3000, 0.2853, 0.2661

Complementary

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



28.3000, 0.3920, 0.3732



27.1507, 0.2515, 0.2796

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.



28.3000, 0.2543, 0.2643



28.3000, 0.3920, 0.3732



28.3000, 0.2414, 0.3085

Square

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



28.3000, 0.3920, 0.3732



28.3000, 0.2962, 0.3835



28.3000, 0.2389, 0.2787



28.3000, 0.3257, 0.2822

Rectangle

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



28.3000, 0.3920, 0.3732



28.3000, 0.3495, 0.4022



28.3000, 0.2389, 0.2787



28.3000, 0.2735, 0.2638

Sweetspot

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



28.3013, 0.3920, 0.3732



68.9823, 0.3327, 0.3420



21.9909, 0.3528, 0.2702



14.7439, 0.3350, 0.3433



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.3013, 0.3920, 0.3732



46.1092, 0.4141, 0.3823



39.5829, 0.3737, 0.4183



9.0848, 0.3277, 0.3388



10.6269, 0.5590, 0.3943



0.4511, 0.5107, 0.4327

Inverse Universe

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



27.1507, 0.2515, 0.2796



43.7552, 0.2391, 0.2671



18.0711, 0.2425, 0.2205



9.0086, 0.2985, 0.3190



9.1746, 0.1845, 0.1843



0.4017, 0.1969, 0.2289

Previews

White Background



This preview shows how the Yxy color 28.3000, 0.3920, 0.3732 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3000, 0.3920, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

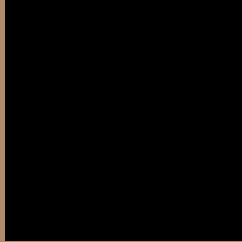
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3000, 0.3920, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 28.3000, 0.3920, 0.3732.



This preview shows how white text looks on a background with the Yxy color 28.3000, 0.3920, 0.3732.

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

28.3000, 0.3920, 0.3732

Protanopia

28.3671, 0.3583, 0.3834

Deuteranopia

28.2974, 0.3851, 0.3771



Tritanopia

28.1588, 0.3572, 0.3148

Trichromacy



Original Color

28.3000, 0.3920, 0.3732

Protanomaly

28.2583, 0.3699, 0.3788

Deuteranomaly

28.2372, 0.3880, 0.3752

Tritanomaly

28.2189, 0.3705, 0.3364

Monochromacy



Original Color

28.3000, 0.3920, 0.3732

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.4790, 0.3392, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3000, 0.3920, 0.3732 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(177, 137, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 137, 107)  
}
```

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(177, 137, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 137, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.3000, 0.3920, 0.3732 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(177, 137, 107) }
```

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

```
.border{ border-color:rgb(177, 137, 107) }
```

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

Here you see how a box with a 4 pixel rgb(177, 137, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 137, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 137, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 137,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3000, 0.3920, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 137, 107) }
```

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

```
.background{ background-color: rgb(177,  
137, 107) }
```

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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