

Converting Colors

$Yxy(37.0880, 0.4318, 0.4023)$

Have a look what the booklet for
Yxy(37.0880, 0.4318, 0.4023)
contains.

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Color

Yxy(37.2568, 0.4320, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	D2995C
RGB	210, 153, 92
RGB Percent	82%, 60%, 36%
CMY	0.1764, 0.4000, 0.6392
CMYK	0.00, 0.27, 0.56, 0.18
HSL	31°, 57%, 59%
HSV	31°, 56%, 82%
XYZ	39.9081, 37.2568, 15.2150
YIQ	163.0890, 53.5530, -6.8870

Conversions

Conversions Part 2

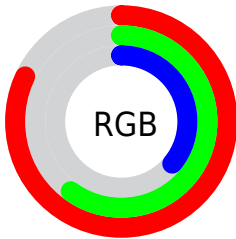
Format	Color
R_{YB}	202, 210, 92
Decimal	13801820
CIE _{Lab}	67.47, 14.63, 40.13
CIE _{LCh}	67, 42.710, 69.974
Yxy	37.2568, 0.4320, 0.4033
Android (android.graphics.Color)	4291991900 (0xFFD2995C)
YUV	163.0890, -35.0469, 41.1409
Hunter-Lab	61.0383, 9.8898, 27.9477

Details

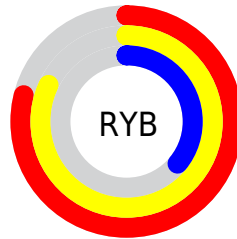
The Yxy color **37.2568, 0.4320, 0.4033** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **28.4408, 0.2228, 0.2364**, and the grayscale version is **36.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8993, 0.3979, 0.3939**, and **16.3526, 0.4653, 0.4196** is the 20% darker color. If you saturate the color by 10%, you get **33.7582, 0.4588, 0.4128**, and if you desaturate by 10%, it is **41.1435, 0.4060, 0.3913**.

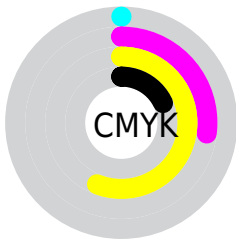
Distribution



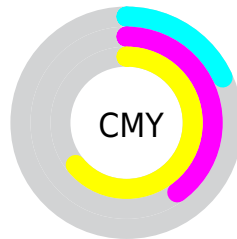
- Red (82%)
- Green (60%)
- Blue (36%)



- Red (79%)
- Yellow (82%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (56%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2568, 0.4320, 0.4033 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 37.2568, 0.4320, 0.4033 by changing the saturation by 10% instead.


 37.2568, 0.4320,
0.4033


 37.2568, 0.4320,
0.4033


334.4210, 0.3712,
0.3684

 25.4064, 0.4469,
0.4106


 70.9676, 0.4100,
0.3915

 16.3801, 0.4654,
0.4188


 93.5967, 0.4016,
0.3868

 9.7935, 0.4887,
0.4275


 120.5875, 0.3946,
0.3827

 5.2623, 0.5207,
0.4373

 152.3245, 0.3885,
0.3791

 2.4019, 0.5594,
0.4406

189.1919, 0.3833,
0.3760

 0.8269, 0.5880,
0.4120

231.5742, 0.3787,

 0.0000, 1.0000,

0.3732

0.0000

279.8558, 0.3747,
0.3707

0.0000, 0.0000,
0.0000

37.2568, 0.4320,
0.4033

37.2568, 0.4320,
0.4033

33.7582, 0.4588,
0.4128

41.1435, 0.4060,
0.3913

30.6267, 0.4851,
0.4184

45.4273, 0.3817,
0.3778

27.8467, 0.5093,
0.4192

50.1235, 0.3596,
0.3639

25.3979, 0.5298,
0.4144

55.2447, 0.3399,
0.3501

24.5419, 0.5370,
0.4118

60.8030, 0.3224,
0.3368

■ 66.8098, 0.3071,
0.3243

■ 73.2761, 0.2938,
0.3127

■ 79.8839, 0.2849,
0.3071

■ 85.8369, 0.2855,
0.3179

Harmonies

Analogous

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



37.2568, 0.4390, 0.3557



37.2568, 0.4320, 0.4033



37.2568, 0.3919, 0.4388

Triad

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



37.2568, 0.4320, 0.4033



37.2568, 0.2242, 0.3425



37.2568, 0.2822, 0.2382

Complementary

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



37.2568, 0.4320, 0.4033



28.4408, 0.2228, 0.2364

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.



37.2568, 0.2317, 0.2293



37.2568, 0.4320, 0.4033



37.2568, 0.2010, 0.2815

Square

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



37.2568, 0.4320, 0.4033



37.2568, 0.2714, 0.4072



37.2568, 0.2039, 0.2429



37.2568, 0.3471, 0.2659

Rectangle

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



37.2568, 0.4320, 0.4033



37.2568, 0.3536, 0.4469



37.2568, 0.2039, 0.2429



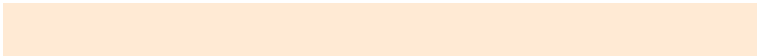
37.2568, 0.2632, 0.2329

Sweetspot

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



37.2586, 0.4320, 0.4033



84.8694, 0.3417, 0.3515



23.5337, 0.3961, 0.2601



17.8115, 0.3456, 0.3542



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.



37.2586, 0.4320, 0.4033



51.5710, 0.4630, 0.4139



60.3001, 0.3912, 0.4624



12.8041, 0.3278, 0.3410



15.1679, 0.5348, 0.4135



1.0066, 0.5080, 0.4348

Inverse Universe

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



28.4408, 0.2228, 0.2364



36.6471, 0.2064, 0.2131



14.6891, 0.2059, 0.1506



12.3471, 0.2982, 0.3167



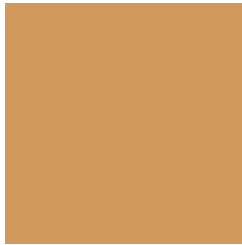
8.7737, 0.1760, 0.1534



0.6491, 0.1854, 0.1875

Previews

White Background



This preview shows how the Yxy color 37.2568, 0.4320, 0.4033 looks on a white background.

Color Contrast Check

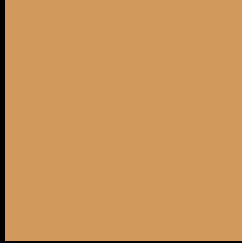
Large Text (above 18pt) WCAG AA × Fail

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 37.2568, 0.4320, 0.4033 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 37.2568, 0.4320, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 37.2568, 0.4320, 0.4033.



This preview shows how white text looks on a background with the Yxy color 37.2568, 0.4320, 0.4033.

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

37.2568, 0.4320, 0.4033

Protanopia

37.4581, 0.3893, 0.4241

Deuteranopia

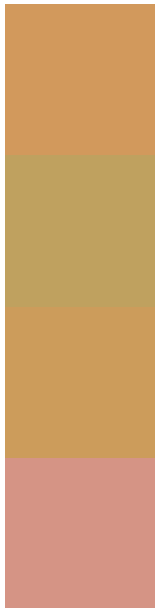
37.2868, 0.4207, 0.4124



Tritanopia

37.0982, 0.3756, 0.3156

Trichromacy



Original Color

37.2568, 0.4320, 0.4033

Protanomaly

37.3923, 0.4041, 0.4163

Deuteranomaly

37.3696, 0.4245, 0.4101

Tritanomaly

37.0194, 0.3973, 0.3480

Monochromacy



Original Color

37.2568, 0.4320, 0.4033

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.3057, 0.3544, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2568, 0.4320, 0.4033 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(210, 153, 92)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 92)  
}
```

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(210, 153, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 92) }
```

Border

The CSS property to change the border of an element to Yxy 37.2568, 0.4320, 0.4033 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(210, 153, 92) }
```

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

```
.border{ border-color:rgb(210, 153, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 92);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2568, 0.4320, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 92) }
```

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

```
.background{ background-color: rgb(210,  
153, 92) }
```

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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