

Converting Colors

$Yxy(37.6756, 0.4280, 0.4429)$

Have a look what the booklet for
Yxy(37.6756, 0.4280, 0.4429)
contains.

Yxy(37.5215, 0.4283, 0.4424)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.5215, 0.4283, 0.4424)

Conversions

Conversions Part 1

Format	Color
Hex	C3A145
RGB	195, 161, 69
RGB Percent	76%, 63%, 27%
CMY	0.2353, 0.3686, 0.7292
CMYK	0.00, 0.17, 0.65, 0.24
HSL	44°, 51%, 52%
HSV	44°, 65%, 76%
XYZ	36.3256, 37.5215, 10.9664
YIQ	160.6780, 49.7960, -21.4040

Conversions

Conversions Part 2

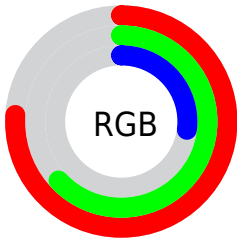
Format	Color
RYB	116, 195, 69
Decimal	12820805
CIELab	67.67, 2.22, 51.20
CIElCh	68, 51.247, 87.518
Yxy	37.5215, 0.4283, 0.4424
Android (android.graphics.Color)	4291010885 (0xFFC3A145)
YUV	160.6780, -45.1973, 30.1004
Hunter-Lab	61.2548, -1.3409, 32.2637

Details

The Yxy color **37.5215, 0.4283, 0.4424** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **14.9172, 0.2003, 0.1741**, and the grayscale version is **35.6829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5630, 0.4083, 0.4242**, and **16.5842, 0.4551, 0.4679** is the 20% darker color. If you saturate the color by 10%, you get **35.5183, 0.4453, 0.4529**, and if you desaturate by 10%, it is **39.6853, 0.4098, 0.4282**.

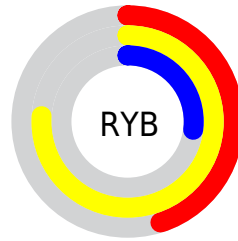
Distribution



Red (76%)

Green (63%)

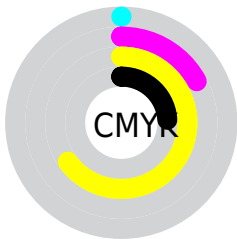
Blue (27%)



Red (45%)

Yellow (76%)

Blue (27%)

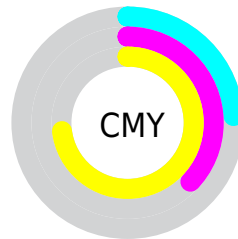


Cyan (0%)

Magenta (17%)

Yellow (65%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5215, 0.4283, 0.4424 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 37.5215, 0.4283, 0.4424 by changing the saturation by 10% instead.


 37.5215, 0.4283,
0.4424


 37.5215, 0.4283,
0.4424


335.5629, 0.3718,
0.3877


 25.6115, 0.4407,
0.4541


 71.3741, 0.4087,
0.4237

 16.5332, 0.4552,
0.4675


 94.0856, 0.4010,
0.4162


 9.9023, 0.4713,
0.4819


 121.1663, 0.3944,
0.4098

 5.3342, 0.4961,
0.5039

 153.0007, 0.3887,
0.4042

 2.4447, 0.4987,
0.5013

 189.9731, 0.3836,
0.3993

 0.8487, 0.5036,
0.4964

232.4681, 0.3792,

 0.0000, 0.0000,

0.3950

0.0000

280.8698, 0.3753,
0.3911

■ 37.5215, 0.4283,
0.4424

■ 37.5215, 0.4283,
0.4424

■ 35.5183, 0.4453,
0.4529

■ 39.6853, 0.4098,
0.4282

■ 33.6613, 0.4598,
0.4590

■ 42.0123, 0.3906,
0.4115

■ 31.9414, 0.4714,
0.4602

■ 44.5114, 0.3715,
0.3932

■ 31.0568, 0.4769,
0.4595

■ 47.1892, 0.3530,
0.3742

■ 50.0519, 0.3357,
0.3554

■ 53.1051, 0.3196,
0.3371

■ 56.3543, 0.3050,
0.3197

■ 59.8045, 0.2917,
0.3035

■ 63.4608, 0.2798,
0.2884

Harmonies

Analogous

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



37.5215, 0.4631, 0.3908



37.5215, 0.4283, 0.4424



37.5215, 0.3648, 0.4706

Triad

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



37.5215, 0.4283, 0.4424



37.5215, 0.1893, 0.2983



37.5215, 0.3199, 0.2396

Complementary

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



37.5215, 0.4283, 0.4424



14.9172, 0.2003, 0.1741

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.



37.5215, 0.2486, 0.2161



37.5215, 0.4283, 0.4424



37.5215, 0.1810, 0.2416

Square

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



37.5215, 0.4283, 0.4424



37.5215, 0.2274, 0.3788



37.5215, 0.2010, 0.2155



37.5215, 0.3981, 0.2813

Rectangle

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



37.5215, 0.4283, 0.4424



37.5215, 0.3157, 0.4630



37.5215, 0.2010, 0.2155



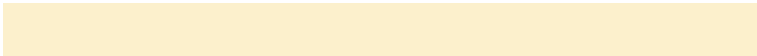
37.5215, 0.2941, 0.2295

Sweetspot

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



37.5233, 0.4283, 0.4424



87.1908, 0.3437, 0.3642



16.8792, 0.4592, 0.2853



18.7690, 0.3488, 0.3697



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.



37.5233, 0.4283, 0.4424



62.0464, 0.4523, 0.4563



47.7525, 0.3767, 0.4905



11.2836, 0.3271, 0.3457



20.3308, 0.4760, 0.4603



0.9875, 0.4607, 0.4724

Inverse Universe

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



14.9172, 0.2003, 0.1741



18.7551, 0.1786, 0.1357



10.7083, 0.2096, 0.1333



10.1805, 0.2984, 0.3117



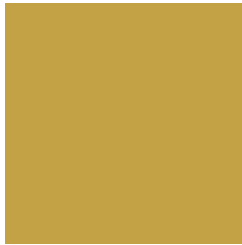
4.3150, 0.1596, 0.0946



0.3049, 0.1724, 0.1407

Previews

White Background



This preview shows how the Yxy color 37.5215, 0.4283, 0.4424 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 37.5215, 0.4283, 0.4424 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 37.5215, 0.4283, 0.4424

Background



This preview shows how black text looks on a background with the Yxy color 37.5215, 0.4283, 0.4424.

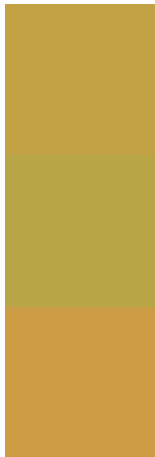


This preview shows how white text looks on a background with the Yxy color 37.5215, 0.4283, 0.4424.

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

37.5215, 0.4283, 0.4424

Protanopia

37.5428, 0.4131, 0.4518

Deuteranopia

37.5353, 0.4412, 0.4320



Tritanopia

37.3341, 0.3532, 0.3137

Trichromacy



Original Color

37.5215, 0.4283, 0.4424

Protanomaly

37.6845, 0.4180, 0.4485

Deuteranomaly

37.3134, 0.4363, 0.4351

Tritanomaly

37.1698, 0.3836, 0.3634

Monochromacy



Original Color

37.5215, 0.4283, 0.4424

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.9325, 0.3552, 0.3767

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5215, 0.4283, 0.4424 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(195, 161, 69)` looks like.

```
.text, #text, p{  
    color:rgb(195, 161, 69)  
}
```

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(195, 161, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 161, 69) }
```

Border

The CSS property to change the border of an element to Yxy 37.5215, 0.4283, 0.4424 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(195, 161, 69) }
```

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

```
.border{ border-color:rgb(195, 161, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 161, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 161, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 161, 69);  
box-shadow:4px 4px 4px 4px rgb(195, 161,  
69) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 37.5215, 0.4283, 0.4424$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 161, 69) }
```

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

```
.background{ background-color: rgb(195,  
161, 69) }
```

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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