

Converting Colors

$Y_{xy}(35.7471, 0.4228, 0.4228)$

Have a look what the booklet for
Yxy(35.7471, 0.4228, 0.4228)
contains.

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Color

Yxy(35.6540, 0.4237, 0.4225)

Conversions

Conversions Part 1

Format	Color
Hex	C39B52
RGB	195, 155, 82
RGB Percent	76%, 61%, 32%
CMY	0.2352, 0.3922, 0.6784
CMYK	0.00, 0.21, 0.58, 0.24
HSL	39°, 49%, 54%
HSV	39°, 58%, 76%
XYZ	35.7553, 35.6540, 12.9789
YIQ	158.6380, 47.2730, -14.2230

Conversions

Conversions Part 2

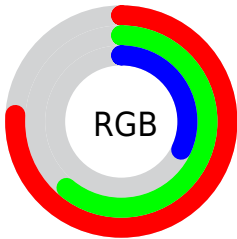
Format	Color
RYB	144, 195, 82
Decimal	12819282
CIELab	66.25, 6.40, 43.39
CIELCh	66, 43.858, 81.615
Yxy	35.6540, 0.4237, 0.4225
Android (android.graphics.Color)	4291009362 (0xFFC39B52)
YUV	158.6380, -37.7825, 31.8895
Hunter-Lab	59.7110, 2.3926, 28.9103

Details

The Yxy color **35.6540, 0.4237, 0.4225** 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 **19.6615, 0.2152, 0.2084**, and the grayscale version is **34.6582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3652, 0.4040, 0.4067**, and **15.4137, 0.4525, 0.4441** is the 20% darker color. If you saturate the color by 10%, you get **33.1661, 0.4450, 0.4341**, and if you desaturate by 10%, it is **38.3613, 0.4020, 0.4081**.

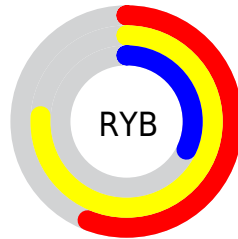
Distribution



Red (76%)

Green (61%)

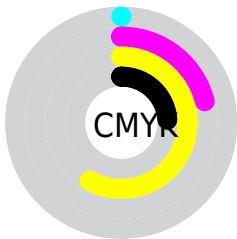
Blue (32%)



Red (56%)

Yellow (76%)

Blue (32%)

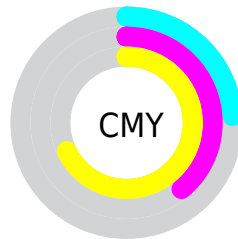


Cyan (0%)

Magenta (21%)

Yellow (58%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6540, 0.4237, 0.4225 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 35.6540, 0.4237, 0.4225 by changing the saturation by 10% instead.


 35.6540, 0.4237,
0.4225


 35.6540, 0.4237,
0.4225


327.4457, 0.3676,
0.3769

 24.1671, 0.4370,
0.4326


 68.4977, 0.4036,
0.4067


 15.4576, 0.4533,
0.4444


 90.6233, 0.3959,
0.4005


 9.1412, 0.4730,
0.4576


 117.0638, 0.3894,
0.3951

 4.8334, 0.5065,
0.4805

 148.2038, 0.3838,
0.3905

 2.1498, 0.5210,
0.4790

 184.4276, 0.3789,
0.3864

 0.6924, 0.5404,
0.4596

226.1196, 0.3747,

 0.0000, 0.0000,

0.3829

0.0000

273.6642, 0.3709,
0.3797

■ 35.6540, 0.4237,
0.4225

■ 35.6540, 0.4237,
0.4225

■ 33.1661, 0.4450,
0.4341

■ 38.3613, 0.4020,
0.4081

■ 30.8828, 0.4648,
0.4417

■ 41.2914, 0.3808,
0.3919

■ 28.7950, 0.4822,
0.4445

■ 44.4539, 0.3607,
0.3750

■ 26.8875, 0.4965,
0.4424

■ 47.8563, 0.3420,
0.3580

■ 26.5154, 0.4993,
0.4418

■ 51.5056, 0.3250,
0.3416

■ 55.4083, 0.3097,
0.3259

■ 59.5707, 0.2960,
0.3112

■ 63.9989, 0.2839,
0.2975

■ 68.5350, 0.2745,
0.2876

Harmonies

Analogous

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



35.6540, 0.4461, 0.3759



35.6540, 0.4237, 0.4225



35.6540, 0.3722, 0.4504

Triad

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



35.6540, 0.4237, 0.4225



35.6540, 0.2082, 0.3161



35.6540, 0.3061, 0.2440

Complementary

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



35.6540, 0.4237, 0.4225



19.6615, 0.2152, 0.2084

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.



35.6540, 0.2463, 0.2267



35.6540, 0.4237, 0.4225



35.6540, 0.1950, 0.2607

Square

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



35.6540, 0.4237, 0.4225



35.6540, 0.2480, 0.3860



35.6540, 0.2081, 0.2312



35.6540, 0.3747, 0.2788

Rectangle

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



35.6540, 0.4237, 0.4225



35.6540, 0.3296, 0.4485



35.6540, 0.2081, 0.2312



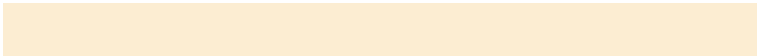
35.6540, 0.2843, 0.2360

Sweetspot

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



35.6557, 0.4237, 0.4225



86.1226, 0.3408, 0.3569



19.0810, 0.4207, 0.2756



18.5773, 0.3445, 0.3603



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.



35.6557, 0.4237, 0.4225



58.0644, 0.4514, 0.4369



49.3500, 0.3810, 0.4717



11.1386, 0.3273, 0.3438



17.3913, 0.4979, 0.4429



0.8773, 0.4761, 0.4602

Inverse Universe

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



19.6615, 0.2152, 0.2084



26.8526, 0.1948, 0.1759



12.5205, 0.2134, 0.1500



10.3187, 0.2984, 0.3137



5.4772, 0.1654, 0.1152



0.3674, 0.1783, 0.1617

Previews

White Background



This preview shows how the Yxy color 35.6540, 0.4237, 0.4225 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 35.6540, 0.4237, 0.4225 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 35.6540, 0.4237, 0.4225

Background



This preview shows how black text looks on a background with the Yxy color 35.6540, 0.4237, 0.4225.



This preview shows how white text looks on a background with the Yxy color 35.6540, 0.4237, 0.4225.

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

35.6540, 0.4237, 0.4225

Protanopia

35.5948, 0.3997, 0.4350

Deuteranopia

35.7262, 0.4276, 0.4200



Tritanopia

35.4439, 0.3586, 0.3136

Trichromacy



Original Color

35.6540, 0.4237, 0.4225

Protanomaly

35.6112, 0.4082, 0.4310

Deuteranomaly

35.5907, 0.4265, 0.4205

Tritanomaly

35.2487, 0.3853, 0.3543

Monochromacy



Original Color

35.6540, 0.4237, 0.4225

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8631, 0.3522, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6540, 0.4237, 0.4225 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, 155, 82)` looks like.

```
.text, #text, p{  
    color:rgb(195, 155, 82)  
}
```

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, 155, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 155, 82) }
```

Border

The CSS property to change the border of an element to Yxy 35.6540, 0.4237, 0.4225 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, 155, 82) }
```

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

```
.border{ border-color:rgb(195, 155, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 155, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 155, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 155, 82);  
box-shadow:4px 4px 4px 4px rgb(195, 155,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6540, 0.4237, 0.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 155, 82) }
```

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

```
.background{ background-color: rgb(195,  
155, 82) }
```

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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