

Converting Colors

$Yxy(33.7527, 0.4643, 0.4588)$

Have a look what the booklet for
Yxy(33.7527, 0.4643, 0.4588)
contains.

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Color

Yxy(33.7532, 0.4641, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	C59619
RGB	197, 150, 25
RGB Percent	77%, 59%, 10%
CMY	0.2273, 0.4118, 0.9019
CMYK	0.00, 0.24, 0.87, 0.23
HSL	44°, 77%, 44%
HSV	44°, 87%, 77%
XYZ	34.1134, 33.7532, 5.6378
YIQ	149.8030, 68.1370, -28.9110

Conversions

Conversions Part 2

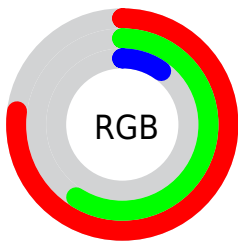
Format	Color
R_{YB}	90, 197, 25
Decimal	12949017
CIE Lab	64.77, 7.20, 64.71
CIE LCh	65, 65.107, 83.651
Yxy	33.7532, 0.4641, 0.4592
Android (android.graphics.Color)	4291139097 (0xFFC59619)
YUV	149.8030, -61.5279, 41.3918
Hunter-Lab	58.0975, 3.1400, 34.9147

Details

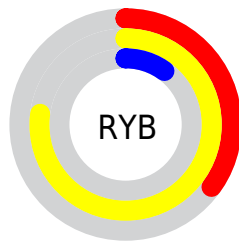
The Yxy color **33.7532, 0.4641, 0.4592** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **8.8818, 0.1694, 0.1175**, and the grayscale version is **30.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0858, 0.4381, 0.4425**, and **14.5176, 0.4764, 0.4599** is the 20% darker color. If you saturate the color by 10%, you get **32.0162, 0.4751, 0.4591**, and if you desaturate by 10%, it is **35.6311, 0.4501, 0.4545**.

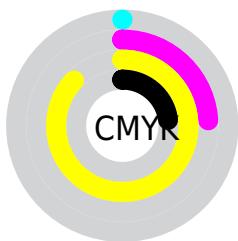
Distribution



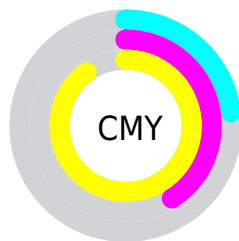
- Red (77%)
- Green (59%)
- Blue (10%)



- Red (35%)
- Yellow (77%)
- Blue (10%)



- Cyan (0%)
- Magenta (24%)
- Yellow (87%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7532, 0.4641, 0.4592 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 33.7532, 0.4641, 0.4592 by changing the saturation by 10% instead.


 33.7532, 0.4641,
0.4592


 33.7532, 0.4641,
0.4592


319.0302, 0.3921,
0.4007


 22.7041, 0.4781,
0.4690


 65.5497, 0.4403,
0.4410

 14.3751, 0.4929,
0.4781


 87.0658, 0.4306,
0.4331


 8.3820, 0.5116,
0.4884


 112.8398, 0.4220,
0.4261

 4.3404, 0.5174,
0.4826

 143.2559, 0.4145,
0.4198

 1.8657, 0.5269,
0.4731

 178.6986, 0.4079,
0.4142

 0.5276, 0.5621,
0.4379

 219.5523, 0.4020,

 0.0000, 0.0000,

0.4092

0.0000

266.2014, 0.3968,
0.4047

■ 33.7532, 0.4641,
0.4592

■ 33.7532, 0.4641,
0.4592

■ 32.0162, 0.4751,
0.4591

■ 35.6311, 0.4501,
0.4545

■ 31.5641, 0.4779,
0.4588

■ 37.6581, 0.4336,
0.4452

■ 39.8455, 0.4153,
0.4320

■ 42.2020, 0.3961,
0.4159

■ 44.7349, 0.3768,
0.3980

■ 47.4514, 0.3580,
0.3792

■ 50.3578, 0.3403,
0.3603

■ 53.4601, 0.3238,
0.3419

■ 56.7640, 0.3088,
0.3244

Harmonies

Analogous

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



33.7532, 0.5076, 0.3896



33.7532, 0.4641, 0.4592



33.7532, 0.3846, 0.5113

Triad

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



33.7532, 0.4641, 0.4592



33.7532, 0.1608, 0.2972



33.7532, 0.3070, 0.2120

Complementary

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



33.7532, 0.4641, 0.4592



8.8818, 0.1694, 0.1175

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.



33.7532, 0.2206, 0.1868



33.7532, 0.4641, 0.4592



33.7532, 0.1482, 0.2218

Square

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



33.7532, 0.4641, 0.4592



33.7532, 0.2101, 0.4096



33.7532, 0.1680, 0.1882



33.7532, 0.4115, 0.2596

Rectangle

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



33.7532, 0.4641, 0.4592



33.7532, 0.3231, 0.5146



33.7532, 0.1680, 0.1882



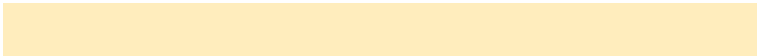
33.7532, 0.2748, 0.2009

Sweetspot

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



33.7549, 0.4641, 0.4592



85.4144, 0.3564, 0.3775



13.0615, 0.5429, 0.2881



17.9056, 0.3629, 0.3842



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.



33.7549, 0.4641, 0.4592



56.0712, 0.4789, 0.4579



47.4641, 0.3831, 0.5255



11.9075, 0.3272, 0.3457



20.8999, 0.4769, 0.4595



1.1057, 0.4623, 0.4711

Inverse Universe

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



8.8818, 0.1694, 0.1175



11.5665, 0.1585, 0.0907



5.7624, 0.1739, 0.0806



10.7516, 0.2983, 0.3117



4.4999, 0.1598, 0.0952



0.3375, 0.1717, 0.1380

Previews

White Background



This preview shows how the Yxy color 33.7532, 0.4641, 0.4592 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 33.7532, 0.4641, 0.4592 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 33.7532, 0.4641, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 33.7532, 0.4641, 0.4592.



This preview shows how white text looks on a background with the Yxy color 33.7532, 0.4641, 0.4592.

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

33.7532, 0.4641, 0.4592

Protanopia

33.8800, 0.4340, 0.4812

Deuteranopia

33.7116, 0.4669, 0.4564



Tritanopia

33.7955, 0.3723, 0.3163

Trichromacy



Original Color

33.7532, 0.4641, 0.4592

Protanomaly

33.7076, 0.4449, 0.4734

Deuteranomaly

33.5752, 0.4659, 0.4571

Tritanomaly

33.3839, 0.4166, 0.3799

Monochromacy



Original Color

33.7532, 0.4641, 0.4592

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.0481, 0.3756, 0.3968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7532, 0.4641, 0.4592 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(197, 150, 25)` looks like.

```
.text, #text, p{  
  color:rgb(197, 150, 25)  
}
```

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(197, 150, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 25) }
```

Border

The CSS property to change the border of an element to Yxy 33.7532, 0.4641, 0.4592 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(197, 150, 25) }
```

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

```
.border{ border-color:rgb(197, 150, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 150, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 25);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7532, 0.4641, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 25) }
```

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

```
.background{ background-color: rgb(197,  
150, 25) }
```

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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