

Converting Colors

Yxy(32.7617, 0.4496, 0.4239)

Have a look what the booklet for
Yxy(32.7617, 0.4496, 0.4239)
contains.

Yxy(32.7982, 0.4488, 0.4243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.7982, 0.4488, 0.4243)

Conversions

Conversions Part 1	
Format	Color
Hex	C79143
RGB	199, 145, 67
RGB Percent	78%, 57%, 26%
CMY	0.2196, 0.4314, 0.7373
CMYK	0.00, 0.27, 0.66, 0.22
HSL	35°, 54%, 52%
HSV	35°, 66%, 78%
XYZ	34.6920, 32.7982, 9.8093
YIQ	152.2540, 57.2220, -12.8100

Conversions

Conversions Part 2

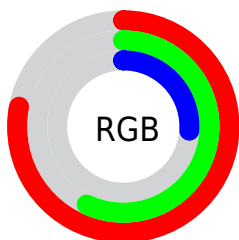
Format	Color
RYB	158, 199, 67
Decimal	13078851
CIELab	64.00, 12.51, 48.27
CIELCh	64, 49.864, 75.467
Yxy	32.7982, 0.4488, 0.4243
Android (android.graphics.Color)	4291268931 (0xFFC79143)
YUV	152.2540, -42.0302, 40.9962
Hunter-Lab	57.2697, 7.9072, 29.9334

Details

The Yxy color **32.7982, 0.4488, 0.4243** 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 **18.9866, 0.2046, 0.1996**, and the grayscale version is **31.6819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4149, 0.4208, 0.4110**, and **13.8788, 0.4837, 0.4430** is the 20% darker color. If you saturate the color by 10%, you get **30.2014, 0.4715, 0.4315**, and if you desaturate by 10%, it is **35.6585, 0.4252, 0.4133**.

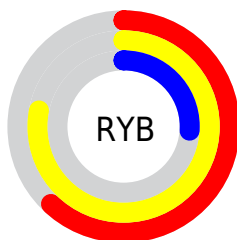
Distribution



Red (78%)

Green (57%)

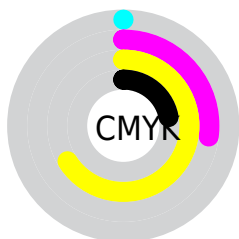
Blue (26%)



Red (62%)

Yellow (78%)

Blue (26%)

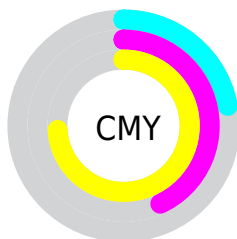


Cyan (0%)

Magenta (27%)

Yellow (66%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7982, 0.4488, 0.4243 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 32.7982, 0.4488, 0.4243 by changing the saturation by 10% instead.

 32.7982, 0.4488,
0.4243


 32.7982, 0.4488,
0.4243


314.7394, 0.3796,
0.3796

 21.9719, 0.4650,
0.4331


 64.0603, 0.4241,
0.4095

 13.8363, 0.4845,
0.4424


 85.2650, 0.4146,
0.4034


 8.0069, 0.5080,
0.4512


 110.6978, 0.4065,
0.3981

 4.0993, 0.5398,
0.4602

 140.7433, 0.3996,
0.3935

 1.7293, 0.5563,
0.4437

 175.7858, 0.3936,
0.3894

 0.4425, 0.6213,
0.3787


216.2098, 0.3883,


 0.0000, 0.0000,


0.3857

0.0000


262.3995, 0.3837,
0.3825


 32.7982, 0.4488,
0.4243

 32.7982, 0.4488,
0.4243

 30.2014, 0.4715,
0.4315

 35.6585, 0.4252,
0.4133


 27.8508, 0.4919,
0.4340


 38.7886, 0.4017,
0.3996


 25.7328, 0.5090,
0.4311

 42.2004, 0.3793,
0.3845


 25.0072, 0.5149,
0.4294


 45.9033, 0.3585,
0.3688

 49.9062, 0.3396,
0.3532

 54.2175, 0.3225,
0.3381

 58.8452, 0.3074,
0.3239

 63.7969, 0.2940,
0.3106

 69.0799, 0.2822,
0.2983

Harmonies

Analogous

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



32.7982, 0.4677, 0.3683



32.7982, 0.4488, 0.4243



32.7982, 0.3936, 0.4660

Triad

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



32.7982, 0.4488, 0.4243



32.7982, 0.1992, 0.3288



32.7982, 0.2886, 0.2262

Complementary

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



32.7982, 0.4488, 0.4243



18.9866, 0.2046, 0.1996

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.



32.7982, 0.2249, 0.2112



32.7982, 0.4488, 0.4243



32.7982, 0.1789, 0.2593

Square

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



32.7982, 0.4488, 0.4243



32.7982, 0.2495, 0.4127



32.7982, 0.1878, 0.2208



32.7982, 0.3685, 0.2617

Rectangle

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



32.7982, 0.4488, 0.4243



32.7982, 0.3458, 0.4732



32.7982, 0.1878, 0.2208



32.7982, 0.2647, 0.2187

Sweetspot

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



32.7998, 0.4488, 0.4243



84.5451, 0.3468, 0.3593



17.5598, 0.4346, 0.2625



17.6695, 0.3522, 0.3638



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.



32.7998, 0.4488, 0.4243



50.8370, 0.4817, 0.4334



51.9451, 0.3933, 0.4844



11.6613, 0.3275, 0.3426



16.2554, 0.5132, 0.4307



0.9096, 0.4886, 0.4503

Inverse Universe

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



18.9866, 0.2046, 0.1996



25.0958, 0.1853, 0.1661



9.7550, 0.1924, 0.1215



10.9880, 0.2983, 0.3150



6.6364, 0.1696, 0.1306



0.4561, 0.1813, 0.1725

Previews

White Background



This preview shows how the Yxy color 32.7982, 0.4488, 0.4243 looks on a white background.

Color Contrast Check

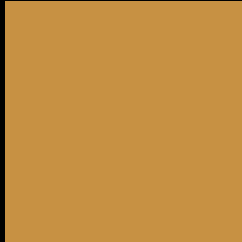
Large Text (above 18pt) WCAG AA × Fail

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 32.7982, 0.4488, 0.4243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

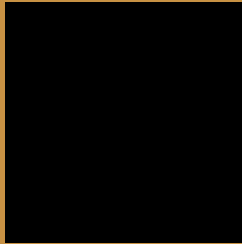
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7982, 0.4488, 0.4243

Background



This preview shows how black text looks on a background with the Yxy color 32.7982, 0.4488, 0.4243.



This preview shows how white text looks on a background with the Yxy color 32.7982, 0.4488, 0.4243.

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

32.7982, 0.4488, 0.4243

Protanopia

33.1034, 0.4089, 0.4478

Deuteranopia

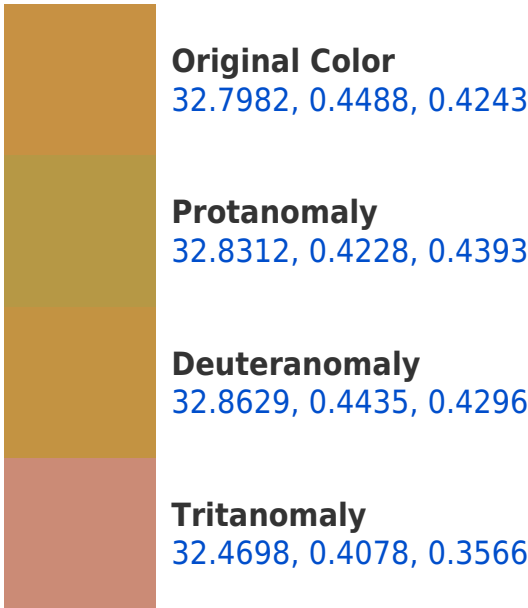
32.9106, 0.4404, 0.4318



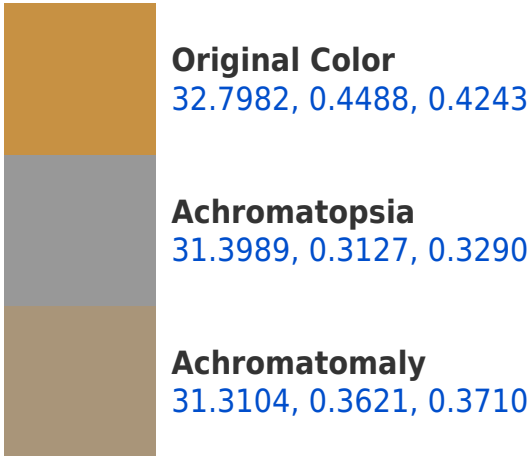
Tritanopia

32.6940, 0.3782, 0.3150

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7982, 0.4488, 0.4243 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(199, 145, 67) looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 67)  
}
```

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(199, 145, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 67) }
```

Border

The CSS property to change the border of an element to Yxy 32.7982, 0.4488, 0.4243 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(199, 145, 67) }
```

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

```
.border{ border-color:rgb(199, 145, 67) }
```

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

Here you see how a box with a 4 pixel rgb(199, 145, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 67);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7982, 0.4488, 0.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 67) }
```

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

```
.background{ background-color: rgb(199,  
145, 67) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor