

Converting Colors

$Yxy(39.2817, 0.4251, 0.4560)$

Have a look what the booklet for
Yxy(39.2817, 0.4251, 0.4560)
contains.

Yxy(39.3227, 0.4254, 0.4561)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3227, 0.4254, 0.4561)

Conversions

Conversions Part 1

Format	Color
Hex	C1A73E
RGB	193, 167, 62
RGB Percent	76%, 65%, 24%
CMY	0.2432, 0.3450, 0.7568
CMYK	0.00, 0.13, 0.68, 0.24
HSL	48°, 51%, 50%
HSV	48°, 68%, 76%
XYZ	36.6759, 39.3227, 10.2165
YIQ	162.8040, 49.2010, -27.1430

Conversions

Conversions Part 2

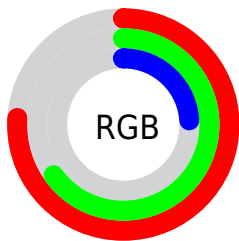
Format	Color
RYB	94, 193, 62
Decimal	12691262
CIELab	68.98, -2.30, 55.64
CIELCh	69, 55.690, 92.365
Yxy	39.3227, 0.4254, 0.4561
Android (android.graphics.Color)	4290881342 (0xFFC1A73E)
YUV	162.8040, -49.6964, 26.4819
Hunter-Lab	62.7078, -5.3394, 34.2358

Details

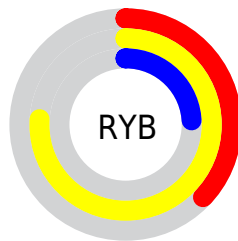
The Yxy color **39.3227, 0.4254, 0.4561** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **11.8494, 0.1914, 0.1502**, and the grayscale version is **36.7507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1758, 0.4070, 0.4353**, and **17.4957, 0.4486, 0.4820** is the 20% darker color. If you saturate the color by 10%, you get **37.7679, 0.4389, 0.4663**, and if you desaturate by 10%, it is **40.9980, 0.4098, 0.4419**.

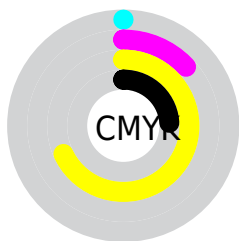
Distribution



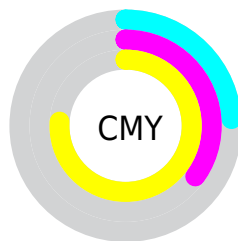
- Red (76%)
- Green (65%)
- Blue (24%)



- Red (37%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (68%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3227, 0.4254, 0.4561 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 39.3227, 0.4254, 0.4561 by changing the saturation by 10% instead.


 39.3227, 0.4254,
0.4561


 39.3227, 0.4254,
0.4561


343.2605, 0.3719,
0.3949


 27.0109, 0.4365,
0.4691


 74.1310, 0.4074,
0.4352


 17.5814, 0.4488,
0.4840


 97.3963, 0.4001,
0.4269

 10.6499, 0.4618,
0.5002


 125.0815, 0.3938,
0.4197

 5.8319, 0.4784,
0.5216

 157.5711, 0.3883,
0.4134

 2.7431, 0.4758,
0.5242

 195.2494, 0.3834,
0.4079

 0.9992, 0.4712,
0.5288

238.5008, 0.3791,

 0.0000, 0.0000,

0.4030

0.0000

287.7097, 0.3753,
0.3987

■ 39.3227, 0.4254,
0.4561

■ 39.3227, 0.4254,
0.4561

■ 37.7679, 0.4389,
0.4663

■ 40.9980, 0.4098,
0.4419

■ 36.3191, 0.4497,
0.4720

■ 42.7955, 0.3928,
0.4247

■ 34.9653, 0.4578,
0.4733

■ 44.7240, 0.3752,
0.4055

■ 34.6838, 0.4594,
0.4734

■ 46.7893, 0.3577,
0.3851

■ 48.9970, 0.3407,
0.3645

■ 51.3524, 0.3246,
0.3443

■ 53.8603, 0.3096,
0.3249

■ 56.5253, 0.2959,
0.3066

■ 59.3517, 0.2834,
0.2896

Harmonies

Analogous

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



39.3227, 0.4695, 0.4026



39.3227, 0.4254, 0.4561



39.3227, 0.3546, 0.4813

Triad

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



39.3227, 0.4254, 0.4561



39.3227, 0.1784, 0.2835



39.3227, 0.3337, 0.2403

Complementary

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



39.3227, 0.4254, 0.4561



11.8494, 0.1914, 0.1502

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.



39.3227, 0.2551, 0.2122



39.3227, 0.4254, 0.4561



39.3227, 0.1749, 0.2292

Square

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



39.3227, 0.4254, 0.4561



39.3227, 0.2131, 0.3676



39.3227, 0.2006, 0.2071



39.3227, 0.4161, 0.2864

Rectangle

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



39.3227, 0.4254, 0.4561



39.3227, 0.3023, 0.4673



39.3227, 0.2006, 0.2071



39.3227, 0.3057, 0.2287

Sweetspot

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



39.3246, 0.4254, 0.4561



86.7877, 0.3448, 0.3696



15.4891, 0.4910, 0.2985



18.3767, 0.3496, 0.3754



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3246, 0.4254, 0.4561



66.4968, 0.4440, 0.4694



45.3154, 0.3686, 0.5031



11.4081, 0.3269, 0.3473



23.1899, 0.4588, 0.4739



1.0905, 0.4485, 0.4821

Inverse Universe

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



11.8494, 0.1914, 0.1502



14.4266, 0.1706, 0.1124



10.0805, 0.2138, 0.1287



10.0641, 0.2983, 0.3100



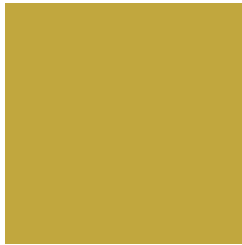
3.5856, 0.1558, 0.0808



0.2533, 0.1671, 0.1217

Previews

White Background



This preview shows how the Yxy color 39.3227, 0.4254, 0.4561 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 39.3227, 0.4254, 0.4561 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 39.3227, 0.4254, 0.4561

Background



This preview shows how black text looks on a background with the Yxy color 39.3227, 0.4254, 0.4561.

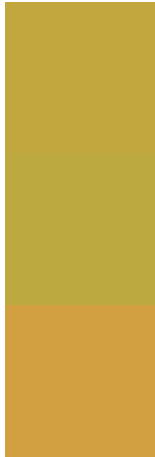


This preview shows how white text looks on a background with the Yxy color 39.3227, 0.4254, 0.4561.

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

39.3227, 0.4254, 0.4561

Protanopia

39.4262, 0.4181, 0.4602

Deuteranopia

39.2134, 0.4473, 0.4377



Tritanopia

39.0216, 0.3461, 0.3137

Trichromacy



Original Color

39.3227, 0.4254, 0.4561

Protanomaly

39.3113, 0.4210, 0.4580

Deuteranomaly

39.3906, 0.4393, 0.4449

Tritanomaly

38.7324, 0.3803, 0.3699

Monochromacy



Original Color

39.3227, 0.4254, 0.4561

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.0559, 0.3570, 0.3835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3227, 0.4254, 0.4561 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(193, 167, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 62)  
}
```

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(193, 167, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 62) }
```

Border

The CSS property to change the border of an element to Yxy 39.3227, 0.4254, 0.4561 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(193, 167, 62) }
```

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

```
.border{ border-color:rgb(193, 167, 62) }
```

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

Here you see how a box with a 4 pixel rgb(193, 167, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3227, 0.4254, 0.4561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 62) }
```

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

```
.background{ background-color: rgb(193,  
167, 62) }
```

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