

Converting Colors

$Y_{xy}(25.3573, 0.4372, 0.4196)$

Have a look what the booklet for
Yxy(25.3573, 0.4372, 0.4196)
contains.

Yxy(25.3573, 0.4372, 0.4196)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3573, 0.4372, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	AE8242
RGB	174, 130, 66
RGB Percent	68%, 51%, 26%
CMY	0.3177, 0.4902, 0.7412
CMYK	0.00, 0.25, 0.62, 0.32
HSL	36°, 45%, 47%
HSV	36°, 62%, 68%
XYZ	26.4209, 25.3573, 8.6539
YIQ	135.8600, 46.7680, -10.5760

Conversions

Conversions Part 2

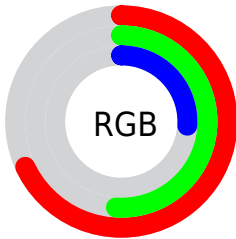
Format	Color
R_{YB}	140, 174, 66
Decimal	11436610
CIE _{Lab}	57.42, 9.84, 40.60
CIE _{LCh}	57, 41.776, 76.372
Yxy	25.3573, 0.4372, 0.4196
Android (android.graphics.Color)	4289626690 (0xFFAE8242)
YUV	135.8600, -34.4410, 33.4488
Hunter-Lab	50.3560, 5.5327, 25.0600

Details

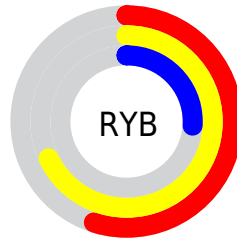
The Yxy color **25.3573, 0.4372, 0.4196** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.3609, 0.2117, 0.2104**, and the grayscale version is **24.6838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2837, 0.4122, 0.4039**, and **9.7769, 0.4746, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **23.3627, 0.4602, 0.4288**, and if you desaturate by 10%, it is **27.5467, 0.4138, 0.4072**.

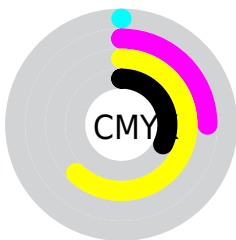
Distribution



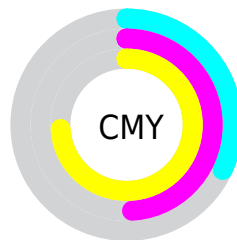
- Red (68%)
- Green (51%)
- Blue (26%)



- Red (55%)
- Yellow (68%)
- Blue (26%)



- Cyan (0%)
- Magenta (25%)
- Yellow (62%)
- Black (32%)





- Cyan (32%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3573, 0.4372, 0.4196 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 25.3573, 0.4372, 0.4196 by changing the saturation by 10% instead.


 25.3573, 0.4372,
0.4196


 25.3573, 0.4372,
0.4196


279.6127, 0.3706,
0.3740


 16.3435, 0.4541,
0.4297


 52.2363, 0.4125,
0.4036


 9.7675, 0.4751,
0.4409


 70.8702, 0.4033,
0.3974

 5.2451, 0.5044,
0.4551

 93.4796, 0.3956,
0.3920

 2.3918, 0.5368,
0.4632

 120.4489, 0.3891,
0.3874

 0.8217, 0.5573,
0.4427

 152.1624, 0.3835,
0.3834

 0.0000, 0.0000,
0.0000

189.0047, 0.3786,

0.3799

231.3599, 0.3744,
0.3768

■ 25.3573, 0.4372,
0.4196

■ 25.3573, 0.4372,
0.4196

■ 23.3627, 0.4602,
0.4288

■ 27.5467, 0.4138,
0.4072

■ 21.5506, 0.4816,
0.4337

■ 29.9348, 0.3910,
0.3929

■ 19.9127, 0.5002,
0.4336

■ 32.5299, 0.3696,
0.3775

■ 18.7249, 0.5133,
0.4306

■ 35.3386, 0.3498,
0.3619

■ 38.3671, 0.3319,
0.3466

■ 41.6212, 0.3158,
0.3319

■ 45.1066, 0.3016,
0.3182

■ 48.8286, 0.2890,
0.3054

■ 52.7924, 0.2778,
0.2936

Harmonies

Analogous

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



25.3573, 0.4548, 0.3684



25.3573, 0.4372, 0.4196



25.3573, 0.3863, 0.4554

Triad

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



25.3573, 0.4372, 0.4196



25.3573, 0.2073, 0.3273



25.3573, 0.2931, 0.2345

Complementary

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



25.3573, 0.4372, 0.4196



15.3609, 0.2117, 0.2104

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.



25.3573, 0.2333, 0.2200



25.3573, 0.4372, 0.4196



25.3573, 0.1886, 0.2643

Square

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



25.3573, 0.4372, 0.4196



25.3573, 0.2535, 0.4026



25.3573, 0.1977, 0.2287



25.3573, 0.3662, 0.2682

Rectangle

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



25.3573, 0.4372, 0.4196



25.3573, 0.3421, 0.4597



25.3573, 0.1977, 0.2287



25.3573, 0.2709, 0.2273

Sweetspot

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



25.3585, 0.4372, 0.4196



65.5677, 0.3447, 0.3576



14.0408, 0.4211, 0.2655



14.2392, 0.3499, 0.3620



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.3585, 0.4372, 0.4196



41.2800, 0.4674, 0.4309



38.6634, 0.3894, 0.4759



8.7747, 0.3272, 0.3424



13.7005, 0.5120, 0.4317



0.4851, 0.4772, 0.4593

Inverse Universe

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



15.3609, 0.2117, 0.2104



21.7577, 0.1931, 0.1803



8.4462, 0.2016, 0.1363



8.2728, 0.2986, 0.3152



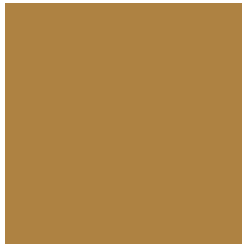
5.5836, 0.1698, 0.1312



0.2646, 0.1872, 0.1937

Previews

White Background



This preview shows how the Yxy color 25.3573, 0.4372, 0.4196 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3573, 0.4372, 0.4196 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 × Fail

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

Yxy 25.3573, 0.4372, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 25.3573, 0.4372, 0.4196.



This preview shows how white text looks on a background with the Yxy color 25.3573, 0.4372, 0.4196.

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

25.3573, 0.4372, 0.4196

Protanopia

25.3789, 0.4019, 0.4377

Deuteranopia

25.5538, 0.4317, 0.4238



Tritanopia

25.4156, 0.3710, 0.3160

Trichromacy



Original Color

25.3573, 0.4372, 0.4196

Protanomaly

25.3224, 0.4151, 0.4307

Deuteranomaly

25.3966, 0.4338, 0.4219

Tritanomaly

25.3515, 0.3972, 0.3559

Monochromacy



Original Color

25.3573, 0.4372, 0.4196

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6819, 0.3568, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3573, 0.4372, 0.4196 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(174, 130, 66)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 66)  
}
```

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(174, 130, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 66) }
```

Border

The CSS property to change the border of an element to Yxy 25.3573, 0.4372, 0.4196 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(174, 130, 66) }
```

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

```
.border{ border-color:rgb(174, 130, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 66);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3573, 0.4372, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 66) }
```

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

```
.background{ background-color: rgb(174,  
130, 66) }
```

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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