

Converting Colors

$Y_{xy}(43.6312, 0.4231, 0.4173)$

Have a look what the booklet for
Yxy(43.6312, 0.4231, 0.4173)
contains.

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Color

Yxy(43.6312, 0.4231, 0.4173)

Conversions

Conversions Part 1

Format	Color
Hex	D7A95E
RGB	215, 169, 94
RGB Percent	84%, 66%, 37%
CMY	0.1568, 0.3373, 0.6312
CMYK	0.00, 0.21, 0.56, 0.16
HSL	37°, 60%, 61%
HSV	37°, 56%, 84%
XYZ	44.2376, 43.6312, 16.6871
YIQ	174.2040, 51.4910, -13.5730

Conversions

Conversions Part 2

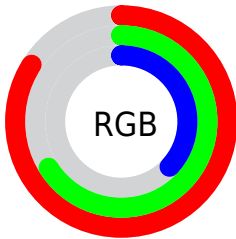
Format	Color
RYB	168, 215, 94
Decimal	14133598
CIELab	71.98, 8.25, 44.66
CIELCh	72, 45.419, 79.528
Yxy	43.6312, 0.4231, 0.4173
Android (android.graphics.Color)	4292323678 (0xFFD7A95E)
YUV	174.2040, -39.5406, 35.7781
Hunter-Lab	66.0539, 3.9507, 31.2594

Details

The Yxy color **43.6312, 0.4231, 0.4173** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **26.0604, 0.2184, 0.2167**, and the grayscale version is **42.6284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6466, 0.3890, 0.4080**, and **20.0725, 0.4509, 0.4368** is the 20% darker color. If you saturate the color by 10%, you get **40.3508, 0.4457, 0.4289**, and if you desaturate by 10%, it is **47.2137, 0.4004, 0.4030**.

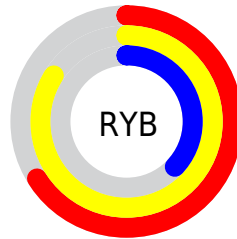
Distribution



Red (84%)

Green (66%)

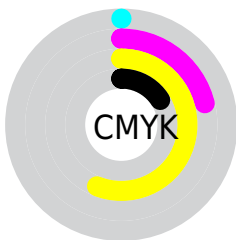
Blue (37%)



Red (66%)

Yellow (84%)

Blue (37%)

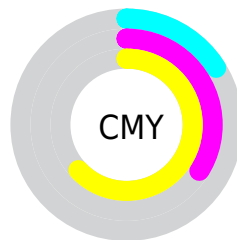


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (16%)



Cyan (16%)


Magenta (34%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6312, 0.4231, 0.4173 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 43.6312, 0.4231, 0.4173 by changing the saturation by 10% instead.

 43.6312, 0.4231,
0.4173

 43.6312, 0.4231,
0.4173


361.2012, 0.3689,
0.3758


 30.3807, 0.4356,
0.4262


 80.6625, 0.4040,
0.4032


 20.1277, 0.4509,
0.4364


 105.2121, 0.3966,
0.3976

 12.4879, 0.4694,
0.4480


 134.2968, 0.3903,
0.3927

 7.0769, 0.4920,
0.4603

 168.3010, 0.3848,
0.3885

 3.5102, 0.5242,
0.4758

207.6092, 0.3801,
0.3847

 1.4036, 0.5369,
0.4631

252.6057, 0.3759,

 0.2193, 0.6515,

0.3814

0.3485

303.6749, 0.3722,
0.3785

0.0000, 0.0000,
0.0000

43.6312, 0.4231,
0.4173

43.6312, 0.4231,
0.4173

40.3508, 0.4457,
0.4289

47.2137, 0.4004,
0.4030

37.3536, 0.4671,
0.4366

51.1035, 0.3786,
0.3872

34.6274, 0.4861,
0.4395

55.3132, 0.3581,
0.3707

32.1551, 0.5018,
0.4371

59.8529, 0.3394,
0.3543

31.2874, 0.5073,
0.4354

64.7318, 0.3224,
0.3385

■ 69.9589, 0.3073,
0.3235

■ 75.5427, 0.2938,
0.3095

■ 80.7592, 0.2880,
0.3075

■ 85.5357, 0.2883,
0.3161

Harmonies

Analogous

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



43.6312, 0.4421, 0.3716



43.6312, 0.4231, 0.4173



43.6312, 0.3748, 0.4457

Triad

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



43.6312, 0.4231, 0.4173



43.6312, 0.2132, 0.3212



43.6312, 0.3019, 0.2445

Complementary

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



43.6312, 0.4231, 0.4173



26.0604, 0.2184, 0.2167

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.



43.6312, 0.2450, 0.2291



43.6312, 0.4231, 0.4173



43.6312, 0.1983, 0.2659

Square

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



43.6312, 0.4231, 0.4173



43.6312, 0.2536, 0.3886



43.6312, 0.2093, 0.2352



43.6312, 0.3683, 0.2775

Rectangle

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



43.6312, 0.4231, 0.4173



43.6312, 0.3338, 0.4455



43.6312, 0.2093, 0.2352



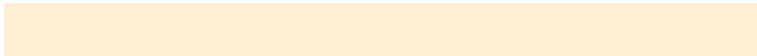
43.6312, 0.2811, 0.2372

Sweetspot

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



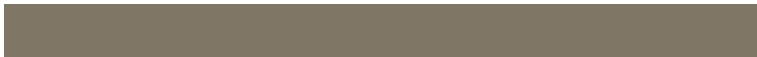
43.6333, 0.4231, 0.4173



87.4426, 0.3410, 0.3558



24.3666, 0.4139, 0.2741



18.4197, 0.3447, 0.3591



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.



43.6333, 0.4231, 0.4173



58.2764, 0.4509, 0.4311



61.8223, 0.3815, 0.4680



13.6894, 0.3276, 0.3434



18.9207, 0.5056, 0.4368



1.2987, 0.4868, 0.4517

Inverse Universe

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



26.0604, 0.2184, 0.2167



30.0374, 0.1991, 0.1868



16.1160, 0.2144, 0.1537



12.7752, 0.2982, 0.3142



6.7138, 0.1671, 0.1216



0.5622, 0.1768, 0.1565

Previews

White Background



This preview shows how the Yxy color 43.6312, 0.4231, 0.4173 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 43.6312, 0.4231, 0.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

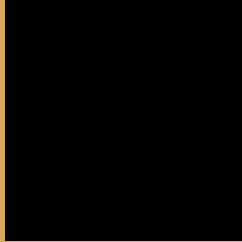
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6312, 0.4231, 0.4173

Background



This preview shows how black text looks on a background with the Yxy color 43.6312, 0.4231, 0.4173.



This preview shows how white text looks on a background with the Yxy color 43.6312, 0.4231, 0.4173.

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

43.6312, 0.4231, 0.4173

Protanopia

43.7767, 0.3952, 0.4311

Deuteranopia

43.4123, 0.4248, 0.4159



Tritanopia

43.6498, 0.3618, 0.3149

Trichromacy



Original Color

43.6312, 0.4231, 0.4173

Protanomaly

43.6732, 0.4056, 0.4257

Deuteranomaly

43.4123, 0.4248, 0.4159

Tritanomaly

43.2681, 0.3854, 0.3522

Monochromacy



Original Color

43.6312, 0.4231, 0.4173

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3682, 0.3521, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6312, 0.4231, 0.4173 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(215, 169, 94)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 94)  
}
```

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(215, 169, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 94) }
```

Border

The CSS property to change the border of an element to Yxy 43.6312, 0.4231, 0.4173 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(215, 169, 94) }
```

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

```
.border{ border-color:rgb(215, 169, 94) }
```

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

Here you see how a box with a 4 pixel rgb(215, 169, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 169, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 169, 94);  
box-shadow:4px 4px 4px 4px rgb(215, 169,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6312, 0.4231, 0.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 94) }
```

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

```
.background{ background-color: rgb(215,  
169, 94) }
```

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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