

Converting Colors

$Y_{xy}(24.3115, 0.4132, 0.4206)$

Have a look what the booklet for
Yxy(24.3115, 0.4132, 0.4206)
contains.

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Color

Yxy(24.1741, 0.4136, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	A08348
RGB	160, 131, 72
RGB Percent	63%, 51%, 28%
CMY	0.3726, 0.4863, 0.7176
CMYK	0.00, 0.18, 0.55, 0.37
HSL	40°, 38%, 45%
HSV	40°, 55%, 63%
XYZ	23.7831, 24.1741, 9.5454
YIQ	132.9450, 36.2230, -12.2010

Conversions

Conversions Part 2

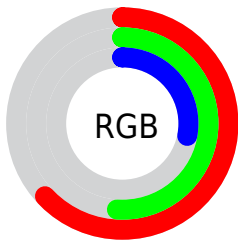
Format	Color
RYB	115, 160, 72
Decimal	10519368
CIELab	56.26, 3.60, 35.74
CIElCh	56, 35.923, 84.246
Yxy	24.1741, 0.4136, 0.4204
Android (android.graphics.Color)	4288709448 (0xFFA08348)
YUV	132.9450, -30.0459, 23.7272
Hunter-Lab	49.1672, 0.3013, 22.9063

Details

The Yxy color **24.1741, 0.4136, 0.4204** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.2245, 0.2206, 0.2133**, and the grayscale version is **23.5369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4378, 0.3933, 0.4027**, and **9.1689, 0.4454, 0.4470** is the 20% darker color. If you saturate the color by 10%, you get **22.6124, 0.4340, 0.4335**, and if you desaturate by 10%, it is **25.8645, 0.3930, 0.4049**.

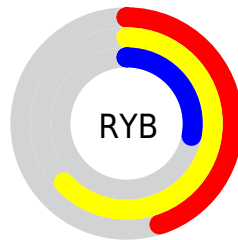
Distribution



Red (63%)

Green (51%)

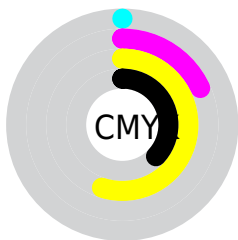
Blue (28%)



Red (45%)

Yellow (63%)

Blue (28%)

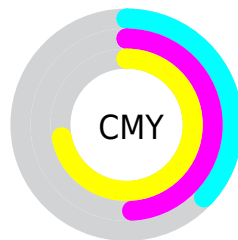


Cyan (0%)

Magenta (18%)

Yellow (55%)

Black (37%)



Cyan (37%)


Magenta (49%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1741, 0.4136, 0.4204 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 24.1741, 0.4136, 0.4204 by changing the saturation by 10% instead.


 24.1741, 0.4136,
0.4204


 24.1741, 0.4136,
0.4204


273.6995, 0.3591,
0.3721


 15.4628, 0.4278,
0.4324


 50.3142, 0.3931,
0.4026


 9.1448, 0.4458,
0.4472


 68.5117, 0.3856,
0.3959

 4.8358, 0.4697,
0.4660

 90.6402, 0.3793,
0.3903

 2.1512, 0.5065,
0.4935

 117.0839, 0.3740,
0.3856

 0.6932, 0.5186,
0.4814

 148.2273, 0.3695,
0.3815

 0.0000, 0.0000,
0.0000

184.4548, 0.3656,

0.3779

226.1507, 0.3621,
0.3748

■ 24.1741, 0.4136,
0.4204

■ 24.1741, 0.4136,
0.4204

■ 22.6124, 0.4340,
0.4335

■ 25.8645, 0.3930,
0.4049

■ 21.1706, 0.4532,
0.4431

■ 27.6851, 0.3729,
0.3881

■ 19.8438, 0.4703,
0.4484

■ 29.6415, 0.3539,
0.3708

■ 18.6247, 0.4845,
0.4488

■ 31.7380, 0.3363,
0.3536

■ 18.0462, 0.4913,
0.4481

■ 33.9784, 0.3202,
0.3370

■ 36.3667, 0.3056,
0.3212

■ 38.9063, 0.2925,
0.3065

■ 41.6008, 0.2808,
0.2928

■ 44.4534, 0.2704,
0.2802

Harmonies

Analogous

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



24.1741, 0.4370, 0.3780



24.1741, 0.4136, 0.4204



24.1741, 0.3640, 0.4429

Triad

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



24.1741, 0.4136, 0.4204



24.1741, 0.2125, 0.3121



24.1741, 0.3123, 0.2512

Complementary

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



24.1741, 0.4136, 0.4204



13.2245, 0.2206, 0.2133

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.



24.1741, 0.2548, 0.2334



24.1741, 0.4136, 0.4204



24.1741, 0.2020, 0.2620

Square

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



24.1741, 0.4136, 0.4204



24.1741, 0.2482, 0.3764



24.1741, 0.2166, 0.2359



24.1741, 0.3759, 0.2855

Rectangle

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



24.1741, 0.4136, 0.4204



24.1741, 0.3237, 0.4380



24.1741, 0.2166, 0.2359



24.1741, 0.2916, 0.2432

Sweetspot

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



24.1753, 0.4136, 0.4204



57.1133, 0.3385, 0.3558



13.0560, 0.4157, 0.2829



12.3632, 0.3418, 0.3591



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.1753, 0.4136, 0.4204



40.4430, 0.4385, 0.4360



31.6586, 0.3745, 0.4653



7.3516, 0.3268, 0.3440



14.1412, 0.4904, 0.4488



0.3268, 0.4562, 0.4759

Inverse Universe

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



13.2245, 0.2206, 0.2133



18.5739, 0.2006, 0.1823



9.1851, 0.2239, 0.1637



6.7745, 0.2988, 0.3136



4.0145, 0.1640, 0.1105



0.1448, 0.1855, 0.1877

Previews

White Background



This preview shows how the Yxy color 24.1741, 0.4136, 0.4204 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 24.1741, 0.4136, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

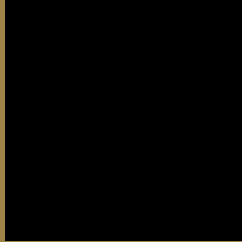
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1741, 0.4136, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 24.1741, 0.4136, 0.4204.



This preview shows how white text looks on a background with the Yxy color 24.1741, 0.4136, 0.4204.

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

24.1741, 0.4136, 0.4204

Protanopia

24.1985, 0.3957, 0.4301

Deuteranopia

24.1809, 0.4205, 0.4139



Tritanopia

24.1081, 0.3524, 0.3152

Trichromacy



Original Color

24.1741, 0.4136, 0.4204

Protanomaly

24.3035, 0.4014, 0.4267

Deuteranomaly

24.2328, 0.4172, 0.4162

Tritanomaly

24.1130, 0.3758, 0.3545

Monochromacy



Original Color

24.1741, 0.4136, 0.4204

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.4899, 0.3490, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1741, 0.4136, 0.4204 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(160, 131, 72)` looks like.

```
.text, #text, p{  
    color:rgb(160, 131, 72)  
}
```

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(160, 131, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 131, 72) }
```

Border

The CSS property to change the border of an element to Yxy 24.1741, 0.4136, 0.4204 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(160, 131, 72) }
```

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

```
.border{ border-color:rgb(160, 131, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 131, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 131, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 131, 72);  
box-shadow:4px 4px 4px 4px rgb(160, 131,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1741, 0.4136, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 131, 72) }
```

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

```
.background{ background-color: rgb(160,  
131, 72) }
```

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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