

Converting Colors

$Y_{xy}(14.0599, 0.5309, 0.3972)$

Have a look what the booklet for
Yxy(14.0599, 0.5309, 0.3972)
contains.

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Color

Yxy(14.0537, 0.5316, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	A65117
RGB	166, 81, 23
RGB Percent	65%, 32%, 9%
CMY	0.3490, 0.6823, 0.9098
CMYK	0.00, 0.51, 0.86, 0.35
HSL	24°, 76%, 37%
HSV	24°, 86%, 65%
XYZ	18.8232, 14.0537, 2.5317
YIQ	99.8030, 69.2780, -0.0180

Conversions

Conversions Part 2

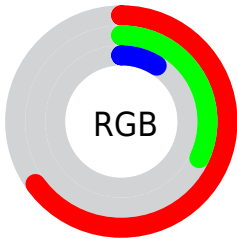
Format	Color
RYB	166, 121, 23
Decimal	10899735
CIELab	44.31, 31.49, 46.90
CIELCh	44, 56.488, 56.122
Yxy	14.0537, 0.5316, 0.3969
Android (android.graphics.Color)	4289089815 (0xFFA65117)
YUV	99.8030, -37.8639, 58.0548
Hunter-Lab	37.4883, 24.0222, 22.2377

Details

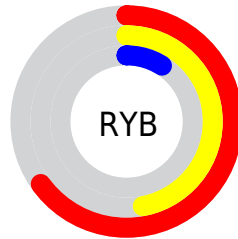
The Yxy color **14.0537, 0.5316, 0.3969** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **13.6626, 0.1959, 0.2124**, and the grayscale version is **12.7771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3013, 0.4847, 0.3927**, and **4.2759, 0.5863, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **12.6450, 0.5572, 0.3910**, and if you desaturate by 10%, it is **15.7179, 0.5019, 0.3978**.

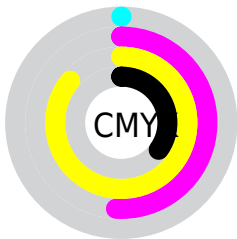
Distribution



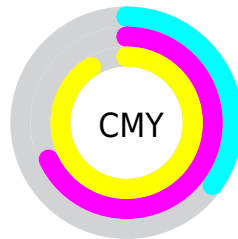
- Red (65%)
- Green (32%)
- Blue (9%)



- Red (65%)
- Yellow (47%)
- Blue (9%)



- Cyan (0%)
- Magenta (51%)
- Yellow (86%)
- Black (35%)





- Cyan (35%)
- Magenta (68%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0537, 0.5316, 0.3969 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 14.0537, 0.5316, 0.3969 by changing the saturation by 10% instead.


 14.0537, 0.5316,
0.3969


 14.0537, 0.5316,
0.3969


217.5646, 0.4068,
0.3712


 8.1580, 0.5637,
0.3949


 33.1843, 0.4842,
0.3923


 4.1962, 0.6104,
0.3896

 47.1880, 0.4667,
0.3888

 1.7839, 0.6450,
0.3550

 64.6631, 0.4522,
0.3853

 0.4771, 0.7288,
0.2712

 85.9941, 0.4401,
0.3820

 0.0000, 1.0000,
0.0000


 111.5654, 0.4298,
0.3789


 0.0000, 0.0000,
0.0000

 141.7613, 0.4210,


0.3761


 176.9663, 0.4134,
0.3735


 14.0537, 0.5316,
0.3969


 14.0537, 0.5316,
0.3969

 12.6450, 0.5572,
0.3910


 15.7179, 0.5019,
0.3978

 12.1601, 0.5667,
0.3882

 17.6515, 0.4705,
0.3941

 19.8689, 0.4394,
0.3869

 22.3827, 0.4102,
0.3776

 25.2044, 0.3838,
0.3670

■ 28.3450, 0.3604,
0.3561

■ 31.8148, 0.3399,
0.3453

■ 35.6236, 0.3223,
0.3350

■ 39.7808, 0.3071,
0.3254

Harmonies

Analogous

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



14.0537, 0.5230, 0.3224



14.0537, 0.5316, 0.3969



14.0537, 0.4734, 0.4767

Triad

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



14.0537, 0.5316, 0.3969



14.0537, 0.1879, 0.4116



14.0537, 0.2142, 0.1714

Complementary

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



14.0537, 0.5316, 0.3969



13.6626, 0.1959, 0.2124

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.



14.0537, 0.1541, 0.1695



14.0537, 0.5316, 0.3969



14.0537, 0.1389, 0.2803

Square

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



14.0537, 0.5316, 0.3969



14.0537, 0.2765, 0.5285



14.0537, 0.1298, 0.2011



14.0537, 0.3145, 0.2012

Rectangle

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



14.0537, 0.5316, 0.3969



14.0537, 0.4134, 0.5242



14.0537, 0.1298, 0.2011



14.0537, 0.1898, 0.1675

Sweetspot

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



14.0545, 0.5316, 0.3969



51.2359, 0.3611, 0.3565



9.8203, 0.4276, 0.2236



11.0286, 0.3686, 0.3601



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



14.0545, 0.5316, 0.3969



21.6776, 0.5698, 0.3857



30.5288, 0.4304, 0.4856



8.0232, 0.3276, 0.3382



9.5166, 0.5652, 0.3895



0.3326, 0.5066, 0.4359

Inverse Universe

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



13.6626, 0.1959, 0.2124



20.6559, 0.1858, 0.1889



4.2781, 0.1625, 0.0879



8.0140, 0.2987, 0.3196



9.1007, 0.1869, 0.1929



0.3180, 0.2008, 0.2429

Previews

White Background



This preview shows how the Yxy color 14.0537, 0.5316, 0.3969 looks on a white background.

Color Contrast Check

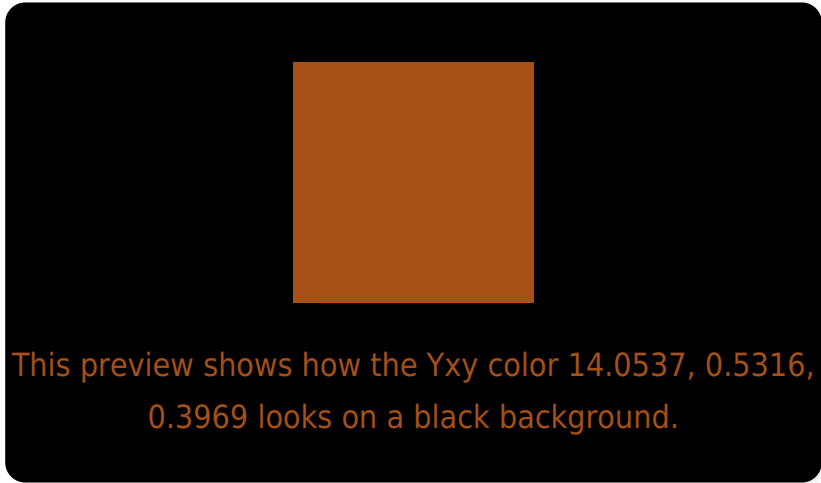
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 14.0537, 0.5316, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 14.0537, 0.5316, 0.3969.



This preview shows how white text looks on a background with the Yxy color 14.0537, 0.5316, 0.3969.

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

14.0537, 0.5316, 0.3969

Protanopia

14.2483, 0.4236, 0.4698

Deuteranopia

14.1228, 0.4658, 0.4605



Tritanopia

14.0878, 0.4622, 0.3221

Trichromacy



Original Color

14.0537, 0.5316, 0.3969

Protanomaly

13.7794, 0.4639, 0.4420

Deuteranomaly

13.8829, 0.4920, 0.4357

Tritanomaly

13.9905, 0.4941, 0.3549

Monochromacy



Original Color

14.0537, 0.5316, 0.3969

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.5817, 0.3960, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0537, 0.5316, 0.3969 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(166, 81, 23)` looks like.

```
.text, #text, p{  
    color:rgb(166, 81, 23)  
}
```

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(166, 81, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 81, 23) }
```

Border

The CSS property to change the border of an element to Yxy 14.0537, 0.5316, 0.3969 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(166, 81, 23) }
```

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

```
.border{ border-color:rgb(166, 81, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 81, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 81, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 81, 23);  
box-shadow:4px 4px 4px 4px rgb(166, 81,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0537, 0.5316, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 81, 23) }
```

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

```
.background{ background-color: rgb(166, 81,  
23) }
```

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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