

Converting Colors

$Y_{xy}(14.9790, 0.5307, 0.4029)$

Have a look what the booklet for
Yxy(14.9790, 0.5307, 0.4029)
contains.

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Color

Yxy(14.9790, 0.5307, 0.4029)

Conversions

Conversions Part 1

Format	Color
Hex	A95513
RGB	169, 85, 19
RGB Percent	66%, 33%, 7%
CMY	0.3372, 0.6667, 0.9254
CMYK	0.00, 0.50, 0.89, 0.34
HSL	26°, 80%, 37%
HSV	26°, 89%, 66%
XYZ	19.7303, 14.9790, 2.4686
YIQ	102.5920, 71.2500, -2.7180

Conversions

Conversions Part 2

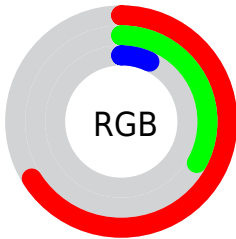
Format	Color
RYB	169, 137, 19
Decimal	11097363
CIELab	45.61, 30.51, 49.61
CIELCh	46, 58.242, 58.407
Yxy	14.9790, 0.5307, 0.4029
Android (android.graphics.Color)	4289287443 (0xFFA95513)
YUV	102.5920, -41.2109, 58.2398
Hunter-Lab	38.7027, 23.2682, 23.3101

Details

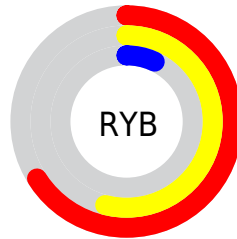
The Yxy color **14.9790, 0.5307, 0.4029** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **12.7131, 0.1909, 0.1976**, and the grayscale version is **13.5479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8735, 0.4851, 0.3976**, and **4.6381, 0.5789, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **13.5451, 0.5542, 0.3966**, and if you desaturate by 10%, it is **16.6514, 0.5035, 0.4045**.

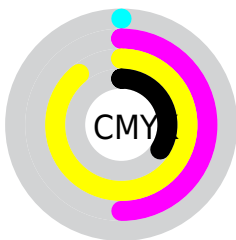
Distribution



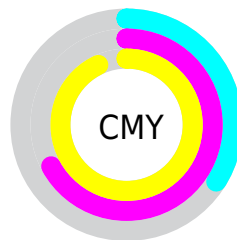
- Red (66%)
- Green (33%)
- Blue (7%)



- Red (66%)
- Yellow (54%)
- Blue (7%)



- Cyan (0%)
- Magenta (50%)
- Yellow (89%)
- Black (34%)




- Cyan (34%)
- Magenta (67%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9790, 0.5307, 0.4029 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 14.9790, 0.5307, 0.4029 by changing the saturation by 10% instead.


 14.9790, 0.5307,
0.4029


 14.9790, 0.5307,
0.4029


223.2391, 0.4084,
0.3747


 8.8046, 0.5611,
0.4014


 34.8163, 0.4850,
0.3976


 4.6140, 0.6036,
0.3964

 49.2481, 0.4679,
0.3938

 2.0226, 0.6354,
0.3646

 67.2011, 0.4536,
0.3900

 0.6206, 0.6984,
0.3016

 89.0598, 0.4416,
0.3864


 0.0000, 1.0000,
0.0000


 115.2086, 0.4314,
0.3830


 0.0000, 0.0000,
0.0000


 146.0318, 0.4226,


0.3800


 181.9138, 0.4150,
0.3772

 14.9790, 0.5307,
0.4029

 14.9790, 0.5307,
0.4029


 13.5451, 0.5542,
0.3966


 16.6514, 0.5035,
0.4045

 13.3789, 0.5572,
0.3958

 18.5786, 0.4740,
0.4012

 20.7745, 0.4441,
0.3941

 23.2512, 0.4156,
0.3844

 26.0195, 0.3892,
0.3732

■ 29.0899, 0.3656,
0.3614

■ 32.4719, 0.3448,
0.3497

■ 36.1750, 0.3266,
0.3384

■ 40.2078, 0.3109,
0.3277

Harmonies

Analogous

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



14.9790, 0.5285, 0.3275



14.9790, 0.5307, 0.4029



14.9790, 0.4680, 0.4835

Triad

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



14.9790, 0.5307, 0.4029



14.9790, 0.1815, 0.4013



14.9790, 0.2197, 0.1716

Complementary

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



14.9790, 0.5307, 0.4029



12.7131, 0.1909, 0.1976

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.



14.9790, 0.1562, 0.1674



14.9790, 0.5307, 0.4029



14.9790, 0.1357, 0.2716

Square

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



14.9790, 0.5307, 0.4029



14.9790, 0.2682, 0.5249



14.9790, 0.1293, 0.1962



14.9790, 0.3235, 0.2036

Rectangle

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



14.9790, 0.5307, 0.4029



14.9790, 0.4062, 0.5301



14.9790, 0.1293, 0.1962



14.9790, 0.1941, 0.1670

Sweetspot

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



14.9798, 0.5307, 0.4029



52.8212, 0.3628, 0.3599



9.9029, 0.4441, 0.2303



11.1061, 0.3700, 0.3638



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.



14.9798, 0.5307, 0.4029



23.5557, 0.5601, 0.3935



33.2841, 0.4267, 0.4917



8.0650, 0.3275, 0.3390



10.0730, 0.5555, 0.3972



0.3477, 0.5000, 0.4412

Inverse Universe

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



12.7131, 0.1909, 0.1976



19.2578, 0.1824, 0.1766



3.8839, 0.1586, 0.0783



7.9714, 0.2987, 0.3188



8.2984, 0.1836, 0.1810



0.3012, 0.1987, 0.2351

Previews

White Background



This preview shows how the Yxy color 14.9790, 0.5307, 0.4029 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

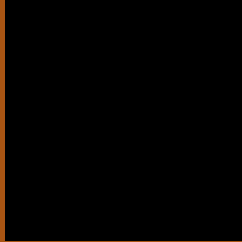
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9790, 0.5307, 0.4029

Background



This preview shows how black text looks on a background with the Yxy color 14.9790, 0.5307, 0.4029.



This preview shows how white text looks on a background with the Yxy color 14.9790, 0.5307, 0.4029.

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

14.9790, 0.5307, 0.4029

Protanopia

15.1450, 0.4280, 0.4742

Deuteranopia

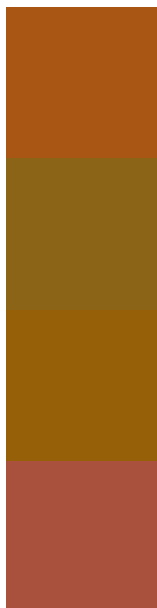
15.0189, 0.4698, 0.4652



Tritanopia

14.9058, 0.4567, 0.3206

Trichromacy



Original Color

14.9790, 0.5307, 0.4029

Protanomaly

14.6652, 0.4675, 0.4463

Deuteranomaly

14.7706, 0.4951, 0.4401

Tritanomaly

14.7678, 0.4928, 0.3574

Monochromacy



Original Color

14.9790, 0.5307, 0.4029

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.3456, 0.3983, 0.3768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9790, 0.5307, 0.4029 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(169, 85, 19)` looks like.

```
.text, #text, p{  
    color:rgb(169, 85, 19)  
}
```

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(169, 85, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 85, 19) }
```

Border

The CSS property to change the border of an element to Yxy 14.9790, 0.5307, 0.4029 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(169, 85, 19) }
```

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

```
.border{ border-color:rgb(169, 85, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 85, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 85, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 85, 19);  
box-shadow:4px 4px 4px 4px rgb(169, 85,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9790, 0.5307, 0.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 85, 19) }
```

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

```
.background{ background-color: rgb(169, 85,  
19) }
```

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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