

Converting Colors

YUV(119.4630, 24.9147,
35.5509)

Have a look what the booklet for
YUV(119.4630, 24.9147, 35.5509)
contains.

YUV(119.4630, 24.9147, 35.5509)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.4630, 24.9147,
35.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	A059AA
RGB	160, 89, 170
RGB Percent	63%, 35%, 67%
CMY	0.3725, 0.6510, 0.3333
CMYK	0.06, 0.48, 0.00, 0.33
HSL	293°, 32%, 51%
HSV	293°, 48%, 67%
XYZ	25.3253, 17.5206, 40.0772
YIQ	119.4630, 16.3150, 40.2430

Conversions

Conversions Part 2

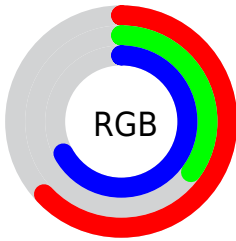
Format	Color
R _Y B	160, 89, 170
Decimal	10508714
CIE Lab	48.91, 41.96, -31.42
CIE LCh	49, 52.420, 323.175
Yxy	17.5206, 0.3054, 0.2113
Android (android.graphics.Color)	4288698794 (0xFFA059AA)
YUV	119.4630, 24.9147, 35.5509
Hunter-Lab	41.8576, 34.7476, -27.4678

Details

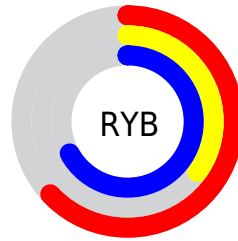
The YUV color **119.4630, 24.9147, 35.5509** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **139.5370, -24.9147, -35.5509**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1150, 26.0723, 37.6101**, and **67.9250, 24.1940, 33.3918** is the 20% darker color. If you saturate the color by 10%, you get **108.8860, 30.1292, 43.0730**, and if you desaturate by 10%, it is **130.0400, 19.7003, 28.0289**.

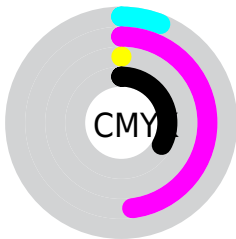
Distribution



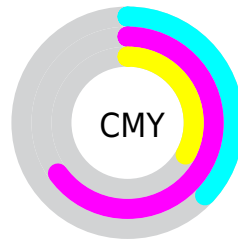
- Red (63%)
- Green (35%)
- Blue (67%)



- Red (63%)
- Yellow (35%)
- Blue (67%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4630, 24.9147, 35.5509 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 YUV color 119.4630, 24.9147, 35.5509 by changing the saturation by 10% instead.

■ 119.4630, 24.9147,
35.5509

■ 119.4630, 24.9147,
35.5509

255.0000, 0.0000,
0.0000

■ 93.6370, 24.3360,
34.5214

■ 173.1150, 26.0723,
37.6101

■ 67.9250, 24.1940,
33.3918

■ 200.8270, 26.2143,
38.7397

■ 40.5770, 25.3515,
35.4510

■ 220.3670, 17.0741,
30.3731

■ 24.4960, 21.4475,
27.6290

■ 237.3900, 8.6817,
15.4440

■ 15.7090, 14.9335,
16.9182

254.4130, 0.2894,
0.5148

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 119.4630, 24.9147,
35.5509

■ 119.4630, 24.9147,
35.5509

■ 108.8860, 30.1292,
43.0730

■ 130.0400, 19.7003,
28.0289

■ 98.3090, 35.3437,
50.5950

■ 140.6170, 14.4858,
20.5069

■ 87.7320, 40.5581,
58.1170

■ 151.1940, 9.2714,
12.9849

■ 77.1550, 45.7726,
65.6391

■ 161.7710, 4.0569,
5.4628

■ 66.5780, 50.9870,
73.1611

■ 172.3480, -1.1576,
-2.0592

■ 63.9310, 52.2920,
74.6055

■ 183.2240, -6.5194,
-8.9664

■ 193.8010,
-11.7339, -16.4885

■ 204.3780,
-16.9484, -24.0105

■ 214.9550,
-22.1628, -31.5325

Harmonies

Analogous

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



115.5580, 40.6439, -16.2754



119.4630, 24.9147, 35.5509



115.1390, 6.3405, 66.5301

Triad

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



119.4630, 24.9147, 35.5509



110.9340, -46.8025, 31.6299



97.5190, 25.8731, -85.5242

Complementary

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



119.4630, 24.9147, 35.5509



139.5370, -24.9147, -35.5509

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.



92.2750, 5.7804, -80.9252



119.4630, 24.9147, 35.5509



106.9190, -40.8791, -1.6830

Square

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



119.4630, 24.9147, 35.5509



113.2420, -33.6433, 57.6698



97.7790, -18.6250, -46.2872



99.3890, 43.1922, -87.1642

Rectangle

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



119.4630, 24.9147, 35.5509



113.2140, -7.5005, 72.6033



97.7790, -18.6250, -46.2872



95.8090, 19.3212, -84.0245

Sweetspot

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



119.4630, 24.9147, 35.5509



202.6070, 9.5607, 13.4997



104.6910, 32.1973, -13.7610



100.2490, 5.7932, 8.5516



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



119.4630, 24.9147, 35.5509



142.6670, 39.1112, 55.5430



119.0330, 10.3367, 44.6981



79.0050, 2.4625, 3.5036



55.7420, 45.4832, 65.1243



7.6620, 6.0826, 9.0664

Inverse Universe

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



114.3590, -7.5720, 48.7972



134.7970, -11.7319, 76.4770



139.9670, -10.3367, -44.6981



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 119.4630, 24.9147, 35.5509 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



This preview shows how the YUV color 119.4630, 24.9147, 35.5509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

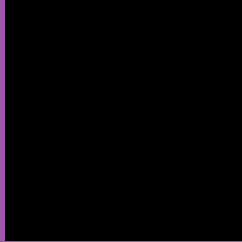
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4630, 24.9147, 35.5509

Background



This preview shows how black text looks on a background with the YUV color 119.4630, 24.9147, 35.5509.



This preview shows how white text looks on a background with the YUV color 119.4630, 24.9147,

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

119.4630, 24.9147, 35.5509

Protanopia

114.5200, 38.1976, -25.0120

Deuteranopia

115.9160, 24.1984, -14.8353



Tritanopia

118.5630, -3.7286, 29.3242

Trichromacy



Original Color

119.4630, 24.9147, 35.5509

Protanomaly

116.3980, 33.3278, -2.9800

Deuteranomaly

117.4390, 24.4336, 3.1230

Tritanomaly

118.9190, 6.4489, 31.6430

Monochromacy



Original Color

119.4630, 24.9147, 35.5509

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1940, 9.2714, 12.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4630, 24.9147, 35.5509 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, 89, 170)` looks like.

```
.text, #text, p{  
    color:rgb(160, 89, 170)  
}
```

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, 89, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 89, 170) }
```

Border

The CSS property to change the border of an element to YUV 119.4630, 24.9147, 35.5509 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, 89, 170) }
```


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

```
.border{ border-color:rgb(160, 89, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 89, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 89, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 89, 170);  
box-shadow:4px 4px 4px 4px rgb(160, 89,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 119.4630, 24.9147, 35.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 89, 170) }
```

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

```
.background{ background-color: rgb(160, 89,  
170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor