

Converting Colors

YUV(116.9630, 19.2452,
-59.6036)

Have a look what the booklet for
YUV(116.9630, 19.2452, -59.6036)
contains.

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Color

**YUV(116.9630, 19.2452,
-59.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	31909C
RGB	49, 144, 156
RGB Percent	19%, 56%, 61%
CMY	0.8078, 0.4353, 0.3882
CMYK	0.69, 0.08, 0.00, 0.39
HSL	187°, 52%, 40%
HSV	187°, 69%, 61%
XYZ	17.2406, 22.9998, 34.9832
YIQ	116.9630, -60.4720, -16.4080

Conversions

Conversions Part 2

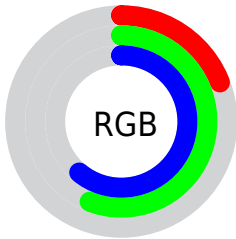
Format	Color
R_{YB}	49, 99, 156
Decimal	3248284
CIE _{Lab}	55.07, -23.31, -14.44
CIE _{LCh}	55, 27.422, 211.785
Yxy	22.9998, 0.2292, 0.3058
Android (android.graphics.Color)	4281438364 (0xFF31909C)
YUV	116.9630, 19.2452, -59.6036
Hunter-Lab	47.9581, -19.7570, -9.6787

Details

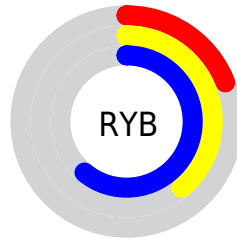
The YUV color **116.9630, 19.2452, -59.6036** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88.0370, -19.2452, 59.6036**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0560, 18.2134, -55.3001**, and **66.5610, 18.9504, -58.3740** is the 20% darker color. If you saturate the color by 10%, you get **111.0050, 22.1825, -68.4104**, and if you desaturate by 10%, it is **122.9210, 16.3079, -50.7967**.

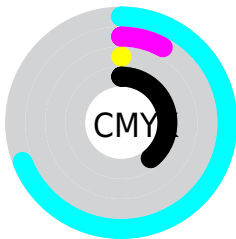
Distribution



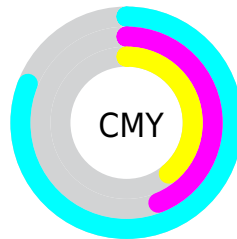
- Red (19%)
- Green (56%)
- Blue (61%)



- Red (19%)
- Yellow (39%)
- Blue (61%)



- Cyan (69%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (81%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9630, 19.2452, -59.6036 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 116.9630, 19.2452, -59.6036 by changing the saturation by 10% instead.

■ 116.9630, 19.2452,
-59.6036

■ 116.9630, 19.2452,
-59.6036

■ 255.0000, 0.0000,
0.0000

■ 84.0860, 22.6356,
-73.7434

■ 173.0560, 18.2134,
-55.3001

■ 66.5610, 18.9504,
-58.3740

■ 201.1700, 18.6502,
-55.4001

■ 49.7370, 15.4127,
-43.6193

■ 228.6880, 12.9718,
-54.1004

■ 33.6140, 12.0223,
-29.4795

■ 237.3590, 8.6970,
-36.2718

■ 19.9530, 7.9112,
-17.4988

■ 246.0300, 4.4222,
-18.4433

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 116.9630, 19.2452,
-59.6036

■ 116.9630, 19.2452,
-59.6036

■ 111.0050, 22.1825,
-68.4104

■ 122.9210, 16.3079,
-50.7967

■ 105.9330, 24.6830,
-77.1172

■ 127.9930, 13.8075,
-42.0899

■ 99.9750, 27.6203,
-85.9241

■ 133.9510, 10.8702,
-33.2830

■ 99.3770, 27.9151,
-87.1536

■ 139.6100, 8.0803,
-25.0910

■ 145.5680, 5.1430,
-16.2841

■ 150.9390, 2.4951,
-6.9625

■ 156.5980, -0.2948,
1.2296

■ 162.5560, -3.2321,
10.0364

■ 168.2150, -6.0220,
18.2284

Harmonies

Analogous

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



119.8970, 5.9668, -47.2677



116.9630, 19.2452, -59.6036



121.6360, 25.3225, -48.7928

Triad

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



116.9630, 19.2452, -59.6036



135.0860, 9.8176, 24.4806



130.4260, -22.8880, 14.5354

Complementary

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



116.9630, 19.2452, -59.6036



88.0370, -19.2452, 59.6036

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.



132.5080, -20.4634, 30.2495



116.9630, 19.2452, -59.6036



134.7750, -1.8611, 37.0313

Square

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



116.9630, 19.2452, -59.6036



133.9460, 18.7606, 2.6784



133.6260, -12.6336, 38.9160



127.8580, -18.1710, -5.1375

Rectangle

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



116.9630, 19.2452, -59.6036



126.7350, 25.2736, -33.0936



133.6260, -12.6336, 38.9160



130.8720, -22.6149, 20.2833

Sweetspot

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



116.9630, 19.2452, -59.6036



188.2080, 7.7855, -23.8614



113.0630, -26.1601, -56.1833



92.7640, 4.5533, -13.8250



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



116.9630, 19.2452, -59.6036



142.9140, 30.1154, -92.8866



86.4390, 34.2936, -32.8340



76.0210, 1.4686, -4.4034



90.8510, 25.7095, -79.6763



9.9280, 2.5005, -8.7069

Inverse Universe

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



91.8230, 25.7233, 56.2832



103.8050, 40.0291, 87.8710



118.5610, -34.2936, 32.8340



74.1900, 1.8783, 4.2184



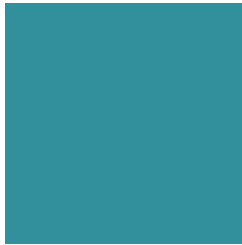
57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 116.9630, 19.2452, -59.6036 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 YUV color 116.9630, 19.2452, -59.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

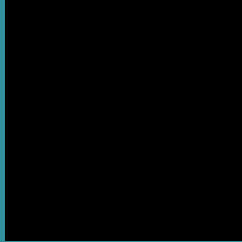
Any Text WCAG AA ✓ Pass

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 116.9630, 19.2452, -59.6036 Background



This preview shows how black text looks on a background with the YUV color 116.9630, 19.2452, -59.6036.



This preview shows how white text looks on a background with the YUV color 116.9630, 19.2452, -59.6036.

-59.6036.

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

116.9630, 19.2452, -59.6036

Protanopia

131.6390, 7.5730, -2.3144

Deuteranopia

132.1320, 13.2459, -1.8698



Tritanopia

116.9630, 19.2452, -59.6036

Trichromacy



Original Color

116.9630, 19.2452, -59.6036

Protanomaly

126.2450, 11.7112, -23.0169

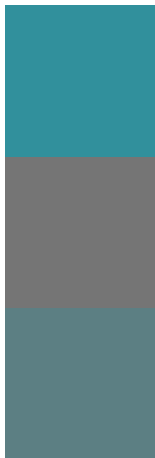
Deuteranomaly

126.8690, 15.3476, -22.6871

Tritanomaly

116.9630, 19.2452, -59.6036

Monochromacy



Original Color

116.9630, 19.2452, -59.6036

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9910, 6.9064, -21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9630, 19.2452, -59.6036 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(49, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(49, 144, 156)  
}
```

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(49, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 144, 156) }
```

Border

The CSS property to change the border of an element to YUV 116.9630, 19.2452, -59.6036 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(49, 144, 156) }
```


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

```
.border{ border-color:rgb(49, 144, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(49, 144,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 116.9630, 19.2452, -59.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 144, 156) }
```

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

```
.background{ background-color: rgb(49, 144,  
156) }
```

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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