

Converting Colors

YUV(131.1970, 21.1019,
-48.4078)

Have a look what the booklet for
YUV(131.1970, 21.1019, -48.4078)
contains.

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Color

**YUV(131.1970, 21.1019,
-48.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	4C97AE
RGB	76, 151, 174
RGB Percent	30%, 59%, 68%
CMY	0.7020, 0.4078, 0.3176
CMYK	0.56, 0.13, 0.00, 0.32
HSL	194°, 39%, 49%
HSV	194°, 56%, 68%
XYZ	21.6871, 26.7257, 44.0599
YIQ	131.1970, -52.0830, -8.7470

Conversions

Conversions Part 2

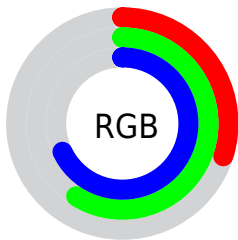
Format	Color
R_{YB}	76, 118, 174
Decimal	5019566
CIE _{Lab}	58.72, -16.53, -19.10
CIE _{LCh}	59, 25.265, 229.123
Yxy	26.7257, 0.2345, 0.2890
Android (android.graphics.Color)	4283209646 (0xFF4C97AE)
YUV	131.1970, 21.1019, -48.4078
Hunter-Lab	51.6969, -15.5881, -14.3435

Details

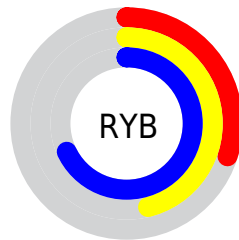
The YUV color **131.1970, 21.1019, -48.4078** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **118.8030, -21.1019, 48.4078**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0230, 21.6807, -47.3782**, and **72.6080, 24.3503, -63.6772** is the 20% darker color. If you saturate the color by 10%, you get **123.7660, 24.7654, -56.7998**, and if you desaturate by 10%, it is **138.6280, 17.4384, -40.0158**.

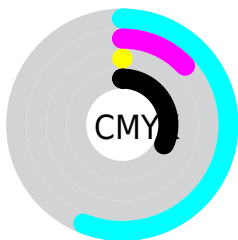
Distribution



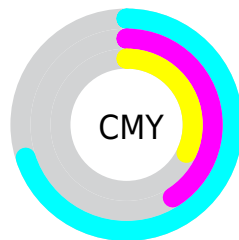
- Red (30%)
- Green (59%)
- Blue (68%)



- Red (30%)
- Yellow (46%)
- Blue (68%)



- Cyan (56%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.1970, 21.1019, -48.4078 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 131.1970, 21.1019, -48.4078 by changing the saturation by 10% instead.

■ 131.1970, 21.1019,
-48.4078

■ 131.1970, 21.1019,
-48.4078

■ 255.0000, 0.0000,
0.0000

■ 103.8870, 21.2547,
-50.7669

■ 186.0230, 21.6807,
-47.3782

■ 72.6080, 24.3503,
-63.6772

■ 214.5670, 19.9335,
-46.9783

■ 55.6700, 20.3757,
-48.8226

■ 235.2660, 9.7289,
-40.5753

■ 39.4330, 16.5485,
-34.5827

■ 243.9370, 5.4541,
-22.7467

■ 24.4840, 12.5794,
-21.4725

■ 252.9070, 1.0318,
-4.3034

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 131.1970, 21.1019,
-48.4078

■ 131.1970, 21.1019,
-48.4078

■ 123.7660, 24.7654,
-56.7998

■ 138.6280, 17.4384,
-40.0158

■ 116.0360, 28.5763,
-65.8066

■ 146.3580, 13.6275,
-31.0090

■ 108.6050, 32.2397,
-74.1986

■ 153.7890, 9.9640,
-22.6170

■ 100.8750, 36.0506,
-83.2054

■ 161.5190, 6.1531,
-13.6102

■ 97.9070, 37.5138,
-85.8644

■ 168.9500, 2.4897,
-5.2181

■ 176.9680, -1.4632,
2.6591

■ 184.6980, -5.2741,
11.6659

■ 192.1290, -8.9376,
20.0579

■ 199.8590,
-12.7485, 29.0647

Harmonies

Analogous

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



129.6070, 12.5187, -48.7673



131.1970, 21.1019, -48.4078



136.8770, 23.2316, -31.4641

Triad

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



131.1970, 21.1019, -48.4078



144.8820, 2.5232, 30.7985



138.2720, -19.3611, 3.2695

Complementary

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



131.1970, 21.1019, -48.4078



118.8030, -21.1019, 48.4078

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.



140.6270, -21.0151, 20.4981



131.1970, 21.1019, -48.4078



143.5810, -7.6814, 37.2015

Square

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



131.1970, 21.1019, -48.4078



144.7150, 12.4655, 15.1589



142.5560, -16.5431, 32.8384



135.8010, -11.7339, -16.4885

Rectangle

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



131.1970, 21.1019, -48.4078



140.6340, 21.8724, -15.4650



142.5560, -16.5431, 32.8384



139.2620, -20.8352, 9.4172

Sweetspot

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



131.1970, 21.1019, -48.4078



210.0560, 8.3534, -19.3431



136.1480, -18.3140, -52.7498



104.6010, 5.1267, -11.0511



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



131.1970, 21.1019, -48.4078



159.8220, 33.1188, -76.1429



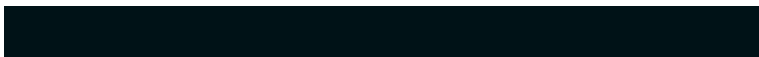
102.4340, 35.2820, -23.1826



83.1350, 1.9054, -4.5034



84.6050, 32.2397, -74.1986



13.1880, 4.8373, -11.5659

Inverse Universe

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



113.8520, 18.3140, 52.7498



132.4980, 28.8415, 82.8783



147.5660, -35.2820, 23.1826



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 131.1970, 21.1019, -48.4078 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 131.1970, 21.1019, -48.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

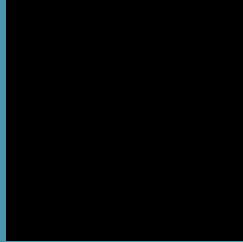
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.1970, 21.1019, -48.4078

Background



This preview shows how black text looks on a background with the YUV color 131.1970, 21.1019, -48.4078.



This preview shows how white text looks on a background with the YUV color 131.1970, 21.1019, -48.4078.

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

131.1970, 21.1019, -48.4078

Protanopia

140.8820, 12.3832, -5.1585

Deuteranopia

141.5490, 17.4773, -5.7435



Tritanopia

130.1490, 17.1815, -50.9967

Trichromacy



Original Color

131.1970, 21.1019, -48.4078

Protanomaly

137.2930, 15.6316, -20.4280

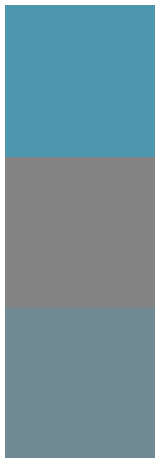
Deuteranomaly

138.0910, 18.6891, -21.1278

Tritanomaly

130.2030, 18.6339, -50.1670

Monochromacy



Original Color

131.1970, 21.1019, -48.4078

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9530, 7.9112, -17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1970, 21.1019, -48.4078 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(76, 151, 174)` looks like.

```
.text, #text, p{  
    color:rgb(76, 151, 174)  
}
```

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(76, 151, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 151, 174) }
```

Border

The CSS property to change the border of an element to YUV 131.1970, 21.1019, -48.4078 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(76, 151, 174) }
```


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

```
.border{ border-color:rgb(76, 151, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 151, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 151, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 151, 174);  
box-shadow:4px 4px 4px 4px rgb(76, 151,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 131.1970, 21.1019, -48.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 151, 174) }
```

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

```
.background{ background-color: rgb(76, 151,  
174) }
```

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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