

Converting Colors

YUV(131.2990, 26.4746,
-44.9892)

Have a look what the booklet for
YUV(131.2990, 26.4746, -44.9892)
contains.

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Color

**YUV(131.2990, 26.4746,
-44.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	5093B9
RGB	80, 147, 185
RGB Percent	31%, 58%, 73%
CMY	0.6863, 0.4235, 0.2745
CMYK	0.57, 0.21, 0.00, 0.27
HSL	202°, 43%, 52%
HSV	202°, 57%, 73%
XYZ	22.4989, 26.0757, 49.7462
YIQ	131.2990, -52.1300, -2.3860

Conversions

Conversions Part 2

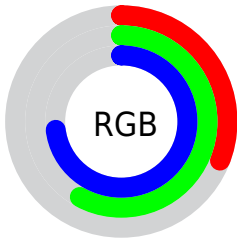
Format	Color
R_{YB}	80, 121, 185
Decimal	5280697
CIE _{Lab}	58.11, -10.14, -26.26
CIE _{LCh}	58, 28.153, 248.898
Yxy	26.0757, 0.2288, 0.2652
Android (android.graphics.Color)	4283470777 (0xFF5093B9)
YUV	131.2990, 26.4746, -44.9892
Hunter-Lab	51.0644, -10.7156, -22.0145

Details

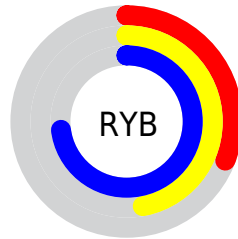
The YUV color **131.2990, 26.4746, -44.9892** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **133.7010, -26.4746, 44.9892**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4240, 26.9060, -43.3448**, and **72.8950, 29.1388, -59.5439** is the 20% darker color. If you saturate the color by 10%, you get **121.5090, 31.3011, -53.0664**, and if you desaturate by 10%, it is **141.0890, 21.6481, -36.9121**.

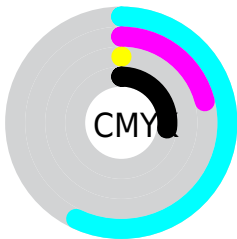
Distribution



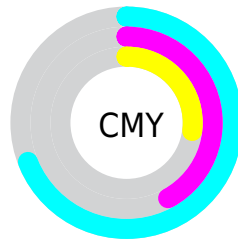
- Red (31%)
- Green (58%)
- Blue (73%)



- Red (31%)
- Yellow (47%)
- Blue (73%)



- Cyan (57%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2990, 26.4746, -44.9892 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 131.2990, 26.4746, -44.9892 by changing the saturation by 10% instead.

■ 131.2990, 26.4746,
-44.9892

■ 131.2990, 26.4746,
-44.9892

■ 255.0000, 0.0000,
0.0000

■ 103.9890, 26.6274,
-47.3484

■ 186.4240, 26.9060,
-43.3448

■ 72.8950, 29.1388,
-59.5439

■ 212.8280, 20.7908,
-41.9452

■ 54.9350, 25.1750,
-48.1780

■ 236.7610, 8.9918,
-37.5014

■ 38.6980, 21.3479,
-33.9381

■ 245.4320, 4.7170,
-19.6729

■ 24.3360, 17.0894,
-21.3427

■ 254.4020, 0.2948,
-1.2296

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 131.2990, 26.4746,
-44.9892

■ 131.2990, 26.4746,
-44.9892

■ 121.5090, 31.3011,
-53.0664

■ 141.0890, 21.6481,
-36.9121

■ 112.6050, 35.6907,
-61.0436

■ 149.9930, 17.2585,
-28.9349

■ 102.8150, 40.5172,
-69.1208

■ 159.7830, 12.4320,
-20.8577

■ 93.3240, 45.1963,
-76.5831

■ 169.2740, 7.7529,
-13.3953

■ 90.3560, 46.6595,
-79.2422

■ 178.4770, 3.2158,
-4.8033

■ 187.9680, -1.4632,
2.6591

■ 197.7580, -6.2897,
10.7362

■ 207.2490,
-10.9688, 18.1986

■ 216.1530,
-15.3584, 26.1758

Harmonies

Analogous

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



125.3480, 22.0134, -60.8182



131.2990, 26.4746, -44.9892



138.8940, 24.2093, -18.3240

Triad

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



131.2990, 26.4746, -44.9892



142.4010, -4.6347, 39.9903



134.2810, -16.4075, -10.7704

Complementary

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



131.2990, 26.4746, -44.9892



133.7010, -26.4746, 44.9892

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.



137.6920, -23.0192, 9.9171



131.2990, 26.4746, -44.9892



141.5290, -15.5438, 39.0011

Square

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



131.2990, 26.4746, -44.9892



143.1360, 7.3280, 29.6987



139.6280, -22.4946, 28.3902



130.8250, -4.8437, -33.1725

Rectangle

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



131.2990, 26.4746, -44.9892



141.9780, 20.2238, 0.0193



139.6280, -22.4946, 28.3902



135.5270, -19.4868, -3.0932

Sweetspot

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



131.2990, 26.4746, -44.9892



218.9360, 10.3846, -17.4839



145.8530, -14.2245, -57.7531



107.5410, 6.1423, -10.1215



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



131.2990, 26.4746, -44.9892



156.6300, 41.1014, -69.8355



101.3620, 41.2335, -18.7345



86.9610, 2.4842, -3.4738



75.8970, 39.4908, -66.5617



13.7580, 7.0213, -12.0658

Inverse Universe

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



119.0330, 13.7877, 57.8531



137.5930, 21.3997, 89.8109



163.6380, -41.2335, 18.7345



86.2610, 0.8573, 5.0331



57.9300, 20.2475, 86.0074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 131.2990, 26.4746, -44.9892 looks on a white background.

Color Contrast Check

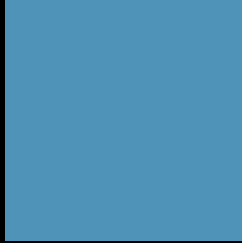
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2990, 26.4746, -44.9892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

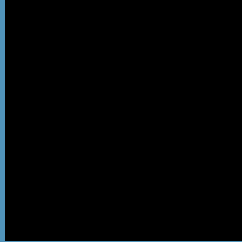
Any Text WCAG AA ✓ Pass

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 131.2990, 26.4746, -44.9892 Background



This preview shows how black text looks on a background with the YUV color 131.2990, 26.4746, -44.9892.

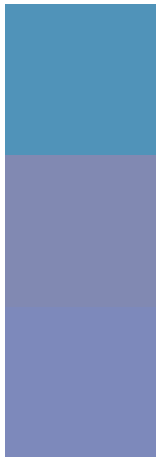


This preview shows how white text looks on a background with the YUV color 131.2990, 26.4746, -44.9892.

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

131.2990, 26.4746, -44.9892

Protanopia

139.2820, 19.0880, -9.0173

Deuteranopia

139.1120, 23.6088, -12.3762



Tritanopia

128.4480, 17.0341, -50.3819

Trichromacy



Original Color

131.2990, 26.4746, -44.9892

Protanomaly

136.5900, 21.8941, -22.4424

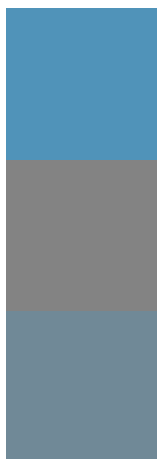
Deuteranomaly

136.5620, 24.3729, -24.1719

Tritanomaly

129.6700, 20.3757, -48.8226

Monochromacy



Original Color

131.2990, 26.4746, -44.9892

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1210, 9.8003, -16.7691

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2990, 26.4746, -44.9892 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(80, 147, 185)` looks like.

```
.text, #text, p{  
    color:rgb(80, 147, 185)  
}
```

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(80, 147, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 147, 185) }
```

Border

The CSS property to change the border of an element to YUV 131.2990, 26.4746, -44.9892 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(80, 147, 185) }
```


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

```
.border{ border-color:rgb(80, 147, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 147, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 147, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 147, 185);  
box-shadow:4px 4px 4px 4px rgb(80, 147,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 131.2990, 26.4746, -44.9892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 147, 185) }
```

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

```
.background{ background-color: rgb(80, 147,  
185) }
```

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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