

Converting Colors

YUV(135.7930, 17.3571,
-13.8505)

Have a look what the booklet for
YUV(135.7930, 17.3571, -13.8505)
contains.

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Color

**YUV(135.7930, 17.3571,
-13.8505)**

Conversions

Conversions Part 1

Format	Color
Hex	7889AB
RGB	120, 137, 171
RGB Percent	47%, 54%, 67%
CMY	0.5294, 0.4627, 0.3294
CMYK	0.30, 0.20, 0.00, 0.33
HSL	220°, 23%, 57%
HSV	220°, 30%, 67%
XYZ	24.0421, 24.8247, 42.0526
YIQ	135.7930, -21.0460, 6.9700

Conversions

Conversions Part 2

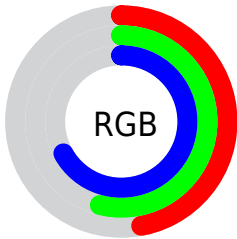
Format	Color
R_{YB}	120, 133, 171
Decimal	7899563
CIE _{Lab}	56.90, 1.97, -19.95
CIE _{LCh}	57, 20.049, 275.644
Yxy	24.8247, 0.2644, 0.2730
Android (android.graphics.Color)	4286089643 (0xFF7889AB)
YUV	135.7930, 17.3571, -13.8505
Hunter-Lab	49.8244, -1.0598, -15.1647

Details

The YUV color $135.7930, 17.3571, -13.8505$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $155.2070, -17.3571, 13.8505$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.0210, 18.2306, -14.0504$, and $85.5650, 16.4835, -13.6505$ is the 20% darker color. If you saturate the color by 10%, you get $124.2530, 23.0463, -18.6389$, and if you desaturate by 10%, it is $147.3330, 11.6678, -9.0620$.

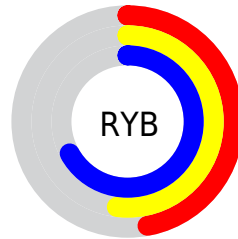
Distribution



Red (47%)

Green (54%)

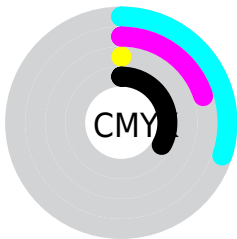
Blue (67%)



Red (47%)

Yellow (52%)

Blue (67%)

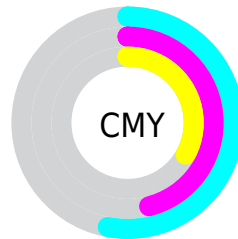


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7930, 17.3571, -13.8505 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 135.7930, 17.3571, -13.8505 by changing the saturation by 10% instead.

■ 135.7930, 17.3571,
-13.8505

■ 135.7930, 17.3571,
-13.8505

■ 255.0000, 0.0000,
0.0000

■ 110.2660, 16.6309,
-14.2653

■ 189.0210, 18.2306,
-14.0504

■ 85.5650, 16.4835,
-13.6505

■ 217.1350, 18.6674,
-14.1504

■ 62.0380, 15.7573,
-14.0653

■ 242.5300, 6.1477,
-11.8658

■ 38.9130, 15.3259,
-15.7097

■ 18.3860, 14.5997,
-16.1245

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 135.7930, 17.3571,
-13.8505

■ 135.7930, 17.3571,
-13.8505

■ 124.2530, 23.0463,
-18.6389

■ 147.3330, 11.6678,
-9.0620

■ 112.1260, 29.0249,
-22.9125

■ 159.4600, 5.6892,
-4.7884

■ 100.5860, 34.7141,
-27.7009

■ 171.0000, 0.0000,
0.0000

■ 88.4590, 40.6927,
-31.9745

■ 183.1270, -5.9786,
4.2736

■ 76.9190, 46.3819,
-36.7630

■ 194.6670,
-11.6678, 9.0620

■ 65.0800, 52.2186,
-42.1662

■ 206.5060,
-17.5045, 14.4652

■ 52.9530, 58.1972,
-46.4398

■ 218.6330,
-23.4831, 18.7389

■ 229.5750,
-28.8775, 22.2977

■ 236.6190,
-32.3502, 16.1201

Harmonies

Analogous

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



131.8080, 17.8427, -29.6496



135.7930, 17.3571, -13.8505



138.7630, 12.9348, 4.5928

Triad

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



135.7930, 17.3571, -13.8505



138.4290, -10.5645, 28.5648



131.0160, -4.4449, -21.0620

Complementary

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



135.7930, 17.3571, -13.8505



155.2070, -17.3571, 13.8505

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.



133.6390, -12.6400, -5.8224



135.7930, 17.3571, -13.8505



137.3050, -15.9264, 21.6575

Square

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



135.7930, 17.3571, -13.8505



139.1930, -2.5601, 27.8947



135.1140, -16.3252, 9.5470



129.3440, 4.7604, -33.6277

Rectangle

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



135.7930, 17.3571, -13.8505



139.2760, 8.2449, 15.5439



135.1140, -16.3252, 9.5470



131.8380, -7.8081, -15.6439

Sweetspot

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



135.7930, 17.3571, -13.8505



208.3890, 6.7102, -5.6032



153.8130, 0.0922, -29.6540



103.7160, 4.0840, -3.2589



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.



135.7930, 17.3571, -13.8505



166.9690, 27.1303, -21.8978



128.2060, 21.0974, -0.1807



80.7870, 3.0630, -2.4442



46.4500, 51.0501, -40.7367



7.3180, 7.7312, -6.4179

Inverse Universe

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



137.1870, -0.0922, 29.6540



168.9980, 0.0010, 46.4828



162.4950, -20.9500, -0.4341



81.0330, -0.0163, 5.2331



50.5500, -0.2712, 87.2176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 135.7930, 17.3571, -13.8505 looks on a white background.

Color Contrast Check

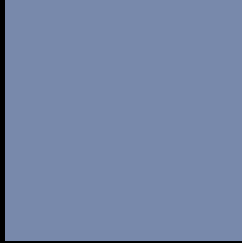
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7930, 17.3571, -13.8505 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

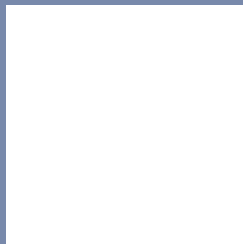
Any Text WCAG AAA × Fail

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

YUV 135.7930, 17.3571, -13.8505 Background



This preview shows how black text looks on a background with the YUV color 135.7930, 17.3571, -13.8505.



This preview shows how white text looks on a background with the YUV color 135.7930, 17.3571, -13.8505.

-13.8505.

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

135.7930, 17.3571, -13.8505

Protanopia

136.8970, 16.3198, -7.8027

Deuteranopia

137.4350, 17.0405, -5.6435



Tritanopia

134.1920, 8.7793, -15.9544

Trichromacy



Original Color

135.7930, 17.3571, -13.8505

Protanomaly

136.5870, 16.4726, -10.1618

Deuteranomaly

136.8260, 17.3408, -8.6174

Tritanomaly

134.7020, 11.9789, -15.5247

Monochromacy



Original Color

135.7930, 17.3571, -13.8505

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6880, 6.5628, -4.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7930, 17.3571, -13.8505 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(120, 137, 171)` looks like.

```
.text, #text, p{  
    color:rgb(120, 137, 171)  
}
```

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(120, 137, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 137, 171) }
```

Border

The CSS property to change the border of an element to YUV 135.7930, 17.3571, -13.8505 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(120, 137, 171) }
```


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

```
.border{ border-color:rgb(120, 137, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 137, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 137, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 137, 171);  
box-shadow:4px 4px 4px 4px rgb(120, 137,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 135.7930, 17.3571, -13.8505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 137, 171) }
```

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

```
.background{ background-color: rgb(120,  
137, 171) }
```

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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