

Converting Colors

YUV(131.4130, 23.9534,
17.1778)

Have a look what the booklet for
YUV(131.4130, 23.9534, 17.1778)
contains.

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Color

**YUV(131.4130, 23.9534,
17.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	9770B4
RGB	151, 112, 180
RGB Percent	59%, 44%, 71%
CMY	0.4078, 0.5608, 0.2941
CMYK	0.16, 0.38, 0.00, 0.29
HSL	274°, 31%, 57%
HSV	274°, 38%, 71%
XYZ	26.7949, 21.4629, 45.9105
YIQ	131.4130, 1.4160, 29.4160

Conversions

Conversions Part 2

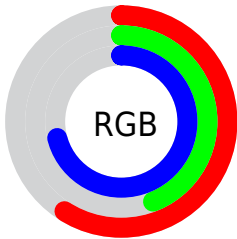
Format	Color
RYB	151, 112, 180
Decimal	9924788
CIELab	53.45, 28.49, -30.23
CIELCh	53, 41.535, 313.300
Yxy	21.4629, 0.2845, 0.2279
Android (android.graphics.Color)	4288114868 (0xFF9770B4)
YUV	131.4130, 23.9534, 17.1778
Hunter-Lab	46.3281, 22.1652, -26.3259

Details

The YUV color **131.4130, 23.9534, 17.1778** is a light color, and the websafe version is hex **996699**. A complement of this color would be **160.5870, -23.9534, -17.1778**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7660, 25.2584, 18.6222**, and **81.0600, 22.6484, 15.7334** is the 20% darker color. If you saturate the color by 10%, you get **118.4550, 30.3417, 21.5260**, and if you desaturate by 10%, it is **144.3710, 17.5651, 12.8296**.

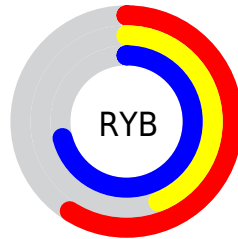
Distribution



Red (59%)

Green (44%)

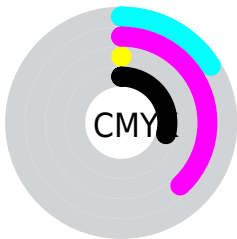
Blue (71%)



Red (59%)

Yellow (44%)

Blue (71%)

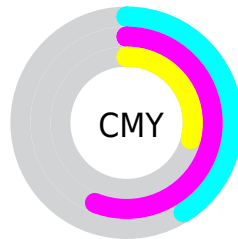


Cyan (16%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4130, 23.9534, 17.1778 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 131.4130, 23.9534, 17.1778 by changing the saturation by 10% instead.

■ 131.4130, 23.9534,
17.1778

■ 131.4130, 23.9534,
17.1778

■ 255.0000, 0.0000,
0.0000

■ 105.5870, 23.3746,
16.1482

■ 184.7660, 25.2584,
18.6222

■ 81.0600, 22.6484,
15.7334

■ 212.0390, 21.1798,
20.1368

■ 57.2340, 22.0696,
14.7038

■ 234.4550, 10.1287,
18.0180

■ 33.9950, 21.2015,
13.1594

■ 250.8910, 2.0257,
3.6036

■ 14.5280, 19.4597,
11.8149

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 131.4130, 23.9534,
17.1778

■ 131.4130, 23.9534,
17.1778

■ 118.4550, 30.3417,
21.5260

■ 144.3710, 17.5651,
12.8296

■ 105.7960, 36.5826,
26.4889

■ 157.0300, 11.3242,
7.8667

■ 92.8380, 42.9709,
30.8371

■ 169.9880, 4.9359,
3.5185

■ 79.8800, 49.3592,
35.1852

■ 182.9460, -1.4524,
-0.8296

■ 67.2210, 55.6000,
40.1482

■ 195.6050, -7.6933,
-5.7926

■ 54.2630, 61.9883,
44.4963

■ 208.5630,
-14.0816, -10.1408

■ 51.3170, 63.4407,
45.3260

■ 221.5210,
-20.4699, -14.4889

■ 233.5930,
-26.4213, -18.9371

■ 235.9850,
-27.6006, -14.0188

Harmonies

Analogous

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



125.1240, 35.4349, -25.5417



131.4130, 23.9534, 17.1778



130.4030, 9.1683, 46.1276

Triad

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



131.4130, 23.9534, 17.1778



125.8000, -33.4254, 34.3784



102.0040, 20.2110, -89.4575

Complementary

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



131.4130, 23.9534, 17.1778



160.5870, -23.9534, -17.1778

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.



106.7780, -0.3836, -63.8263



131.4130, 23.9534, 17.1778



122.9340, -33.4915, 8.8279

Square

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



131.4130, 23.9534, 17.1778



127.5540, -23.4441, 53.0111



118.7220, -22.0479, -21.6812



104.5920, 35.2041, -91.7272

Rectangle

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



131.4130, 23.9534, 17.1778



128.8960, -1.9207, 56.2192



118.7220, -22.0479, -21.6812



100.6360, 14.9695, -88.2578

Sweetspot

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



131.4130, 23.9534, 17.1778



216.4490, 9.1456, 6.6222



136.7750, 21.3099, -21.7277



106.4010, 5.2253, 4.0333



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



131.4130, 23.9534, 17.1778



159.3230, 37.3088, 26.9037



139.5140, 17.4946, 35.5062



82.5210, 3.1941, 2.1741



43.7540, 53.8583, 38.8037



7.4490, 9.1456, 6.6222

Inverse Universe

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



135.6380, 2.6435, 38.9055



165.8240, 4.0308, 60.6674



152.4860, -17.4946, -35.5062



83.1470, 0.4205, 5.1331



53.1570, 5.8386, 87.5623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 131.4130, 23.9534, 17.1778 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 131.4130, 23.9534, 17.1778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

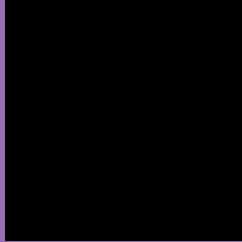
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.4130, 23.9534, 17.1778

Background



This preview shows how black text looks on a background with the YUV color 131.4130, 23.9534, 17.1778.



This preview shows how white text looks on a background with the YUV color 131.4130, 23.9534,

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

131.4130, 23.9534, 17.1778

Protanopia

127.4300, 31.3400, -18.7941

Deuteranopia

127.6280, 24.3404, -13.7058



Tritanopia

129.4190, 1.2724, 11.9105

Trichromacy



Original Color

131.4130, 23.9534, 17.1778

Protanomaly

128.8230, 28.6813, -5.9838

Deuteranomaly

128.9930, 24.1605, -2.6249

Tritanomaly

129.9060, 9.4133, 14.1144

Monochromacy



Original Color

131.4130, 23.9534, 17.1778

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0360, 8.8563, 6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4130, 23.9534, 17.1778 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(151, 112, 180)` looks like.

```
.text, #text, p{  
    color:rgb(151, 112, 180)  
}
```

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(151, 112, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 112, 180) }
```

Border

The CSS property to change the border of an element to YUV 131.4130, 23.9534, 17.1778 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(151, 112, 180) }
```


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

```
.border{ border-color:rgb(151, 112, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 112, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 112, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 112, 180);  
box-shadow:4px 4px 4px 4px rgb(151, 112,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 131.4130, 23.9534, 17.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 112, 180) }
```

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

```
.background{ background-color: rgb(151,  
112, 180) }
```

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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