

Converting Colors

YUV(138.9310, 28.1350,
-17.4795)

Have a look what the booklet for
YUV(138.9310, 28.1350, -17.4795)
contains.

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Color

**YUV(138.9310, 28.1350,
-17.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	778AC4
RGB	119, 138, 196
RGB Percent	47%, 54%, 77%
CMY	0.5333, 0.4588, 0.2314
CMYK	0.39, 0.30, 0.00, 0.23
HSL	225°, 39%, 62%
HSV	225°, 39%, 77%
XYZ	26.6600, 26.0844, 55.8542
YIQ	138.9310, -29.9420, 14.0100

Conversions

Conversions Part 2

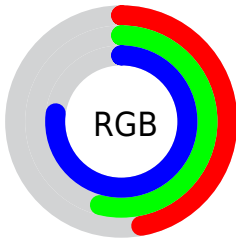
Format	Color
R_{YB}	119, 134, 196
Decimal	7834308
CIE _{Lab}	58.12, 7.83, -32.31
CIE _{LCh}	58, 33.248, 283.618
Y _{xy}	26.0844, 0.2455, 0.2402
Android (android.graphics.Color)	4286024388 (0xFF778AC4)
YUV	138.9310, 28.1350, -17.4795
Hunter-Lab	51.0729, 3.7993, -29.0895

Details

The YUV color $138.9310, 28.1350, -17.4795$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $176.0690, -28.1350, 17.4795$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.9850, 29.5874, -16.6498$, and $87.5780, 26.8300, -18.9239$ is the 20% darker color. If you saturate the color by 10%, you get $124.1460, 35.4240, -22.0530$, and if you desaturate by 10%, it is $153.7160, 20.8460, -12.9059$.

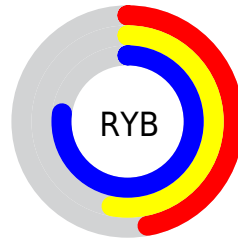
Distribution



Red (47%)

Green (54%)

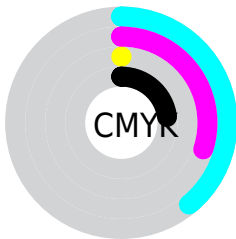
Blue (77%)



Red (47%)

Yellow (53%)

Blue (77%)

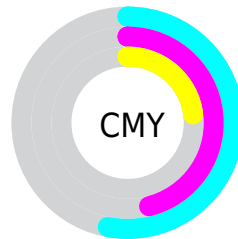


Cyan (39%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (53%)

Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9310, 28.1350, -17.4795 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 138.9310, 28.1350, -17.4795 by changing the saturation by 10% instead.

■ 138.9310, 28.1350,
-17.4795

■ 138.9310, 28.1350,
-17.4795

■ 255.0000, 0.0000,
0.0000

■ 113.1050, 27.5562,
-18.5091

■ 192.9850, 29.5874,
-16.6498

■ 87.5780, 26.8300,
-18.9239

■ 218.0210, 18.2306,
-14.0504

■ 63.0400, 26.1093,
-21.0831

■ 243.7150, 5.5635,
-11.1511

■ 36.8110, 26.7152,
-28.7752

■ 21.1390, 22.6095,
-18.5389

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 138.9310, 28.1350,
-17.4795

■ 138.9310, 28.1350,
-17.4795

■ 124.1460, 35.4240,
-22.0530

■ 153.7160, 20.8460,
-12.9059

■ 109.6600, 42.5656,
-26.0118

■ 168.2020, 13.7044,
-8.9472

■ 95.4620, 49.5652,
-31.1002

■ 182.4000, 6.7048,
-3.8588

■ 80.9760, 56.7068,
-35.0590

■ 196.8860, -0.4368,
0.1000

■ 66.1910, 63.9958,
-39.6325

■ 211.6710, -7.7258,
4.6735

■ 51.4060, 71.2848,
-44.2061

■ 226.4560,
-15.0148, 9.2471

■ 50.5200, 71.7216,
-44.3060

■ 240.0560,
-21.7196, 13.1059

■ 248.2740,
-25.7711, 5.8987

Harmonies

Analogous

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



128.8510, 32.6115, -53.3663



138.9310, 28.1350, -17.4795



143.1370, 19.1595, 14.7889

Triad

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



138.9310, 28.1350, -17.4795



140.8240, -19.6332, 44.0044



127.0300, -2.4798, -44.7533

Complementary

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



138.9310, 28.1350, -17.4795



176.0690, -28.1350, 17.4795

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.



132.8950, -17.6962, -17.4479



138.9310, 28.1350, -17.4795



138.7870, -27.0100, 30.0048

Square

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



138.9310, 28.1350, -17.4795



141.7610, -7.2772, 47.5676



136.3560, -26.7975, 8.4578



117.2830, 17.1155, -76.5472

Rectangle

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



138.9310, 28.1350, -17.4795



143.4720, 11.1063, 31.1581



136.3560, -26.7975, 8.4578



129.3040, -8.0379, -35.3466

Sweetspot

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



138.9310, 28.1350, -17.4795



232.2300, 11.2256, -7.2177



170.8110, 3.0512, -45.4382



114.4000, 6.7048, -3.8588



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



138.9310, 28.1350, -17.4795



166.2900, 43.7340, -27.4413



133.4590, 30.8327, 3.9825



89.9010, 3.4998, -2.5442



41.8340, 58.7488, -36.6884



8.4580, 12.0992, -7.4177

Inverse Universe

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



144.1890, -3.0512, 45.4382



174.3000, -4.5849, 70.7739



181.5410, -30.8327, -3.9825



90.3320, -0.1637, 5.8478



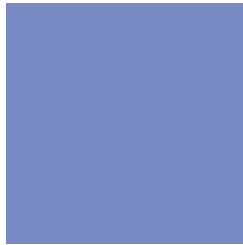
52.6990, -6.2606, 94.9800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 138.9310, 28.1350, -17.4795 looks on a white background.

Color Contrast Check

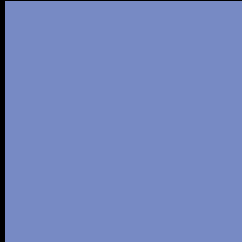
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9310, 28.1350, -17.4795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

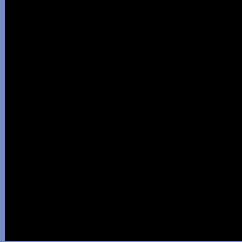
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.9310, 28.1350, -17.4795

Background



This preview shows how black text looks on a background with the YUV color 138.9310, 28.1350, -17.4795.



This preview shows how white text looks on a background with the YUV color 138.9310, 28.1350, -17.4795.

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

138.9310, 28.1350, -17.4795

Protanopia

139.2410, 27.9822, -15.1204

Deuteranopia

138.9310, 28.1350, -17.4795



Tritanopia

135.6040, 10.5482, -23.3317

Trichromacy



Original Color

138.9310, 28.1350, -17.4795

Protanomaly

138.9420, 28.1296, -15.7351

Deuteranomaly

138.9310, 28.1350, -17.4795

Tritanomaly

136.6350, 16.9419, -20.7279

Monochromacy



Original Color

138.9310, 28.1350, -17.4795

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.3010, 10.2046, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9310, 28.1350, -17.4795 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(119, 138, 196)` looks like.

```
.text, #text, p{  
    color:rgb(119, 138, 196)  
}
```

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(119, 138, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 138, 196) }
```

Border

The CSS property to change the border of an element to YUV 138.9310, 28.1350, -17.4795 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

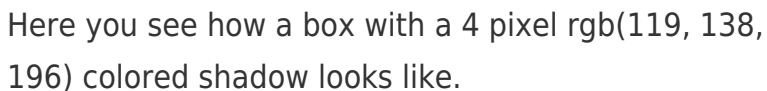
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 138, 196) }
```


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

```
.border{ border-color:rgb(119, 138, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 138, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 138, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 138, 196);  
box-shadow:4px 4px 4px 4px rgb(119, 138,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 138.9310, 28.1350, -17.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 138, 196) }
```

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

```
.background{ background-color: rgb(119,  
138, 196) }
```

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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