

Converting Colors

YUV(98.3930, -29.7737,
-17.0077)

Have a look what the booklet for
YUV(98.3930, -29.7737, -17.0077)
contains.

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Color

**YUV(98.3930, -29.7737,
-17.0077)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7826
RGB	79, 120, 38
RGB Percent	31%, 47%, 15%
CMY	0.6902, 0.5294, 0.8510
CMYK	0.34, 0.00, 0.68, 0.53
HSL	90°, 52%, 31%
HSV	90°, 68%, 47%
XYZ	10.2908, 15.2351, 4.2320
YIQ	98.3930, 1.8860, -34.1940

Conversions

Conversions Part 2

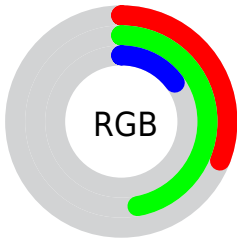
Format	Color
R_{YB}	38, 120, 79
Decimal	5208102
CIE _{Lab}	45.95, -28.74, 39.07
CIE _{LCh}	46, 48.501, 126.335
Yxy	15.2351, 0.3458, 0.5120
Android (android.graphics.Color)	4283398182 (0xFF4F7826)
YUV	98.3930, -29.7737, -17.0077
Hunter-Lab	39.0322, -21.2452, 20.8941

Details

The YUV color **98.3930, -29.7737, -17.0077** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **59.6070, 29.7737, 17.0077**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6380, -31.3735, -17.2225**, and **50.3480, -24.8216, -18.7222** is the 20% darker color. If you saturate the color by 10%, you get **95.2310, -34.1309, -19.4966**, and if you desaturate by 10%, it is **101.5550, -25.4166, -14.5187**.

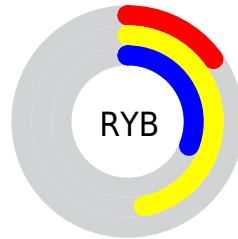
Distribution



Red (31%)

Green (47%)

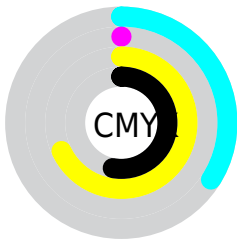
Blue (15%)



Red (15%)

Yellow (47%)

Blue (31%)

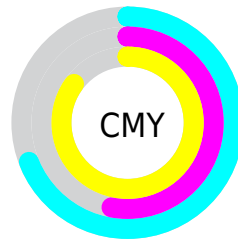


Cyan (34%)

Magenta (0%)

Yellow (68%)

Black (53%)



Cyan (69%)

Magenta (53%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3930, -29.7737, -17.0077 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 98.3930, -29.7737, -17.0077 by changing the saturation by 10% instead.

■ 98.3930, -29.7737,
-17.0077

■ 98.3930, -29.7737,
-17.0077

255.0000, 0.0000,
0.0000

■ 73.1650, -30.6473,
-16.8077

■ 150.6380,
-31.3735, -17.2225

■ 50.3480, -24.8216,
-18.7222

■ 177.5240,
-31.8103, -17.1225

■ 28.1760, -13.8908,
-24.7104

■ 205.2960,
-32.6839, -16.9226

■ 17.0230, -8.3923,
-14.9292

■ 232.5950,
-32.8313, -16.3078

■ 0.0000, 0.0000,
0.0000

■ 244.4580,
-24.8758, -1.2787

■ 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 98.3930, -29.7737,
-17.0077

■ 98.3930, -29.7737,
-17.0077

■ 95.2310, -34.1309,
-19.4966

■ 101.5550,
-25.4166, -14.5187

■ 92.0690, -38.4880,
-21.9855

■ 104.7170,
-21.0595, -12.0298

■ 88.9070, -42.8452,
-24.4744

■ 107.8790,
-16.7023, -9.5409

■ 88.3800, -43.5713,
-24.8893

■ 111.0410,
-12.3452, -7.0520

■ 114.2030, -7.9881,
-4.5630

■ 117.3650, -3.6309,
-2.0741

■ 120.5270, 0.7262,
0.4148

■ 123.6890, 5.0833,
2.9037

■ 126.8510, 9.4405,
5.3927

Harmonies

Analogous

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



102.9860, -42.3911, 16.6753



98.3930, -29.7737, -17.0077



82.5120, -3.7034, -72.3630

Triad

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



98.3930, -29.7737, -17.0077



92.4760, 44.6283, -81.1015



107.1360, -2.5320, 65.6557

Complementary

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



98.3930, -29.7737, -17.0077



59.6070, 29.7737, 17.0077

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.



110.4230, 15.5675, 46.9870



98.3930, -29.7737, -17.0077



94.8900, 46.8892, -59.5395

Square

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



98.3930, -29.7737, -17.0077



92.3330, 31.3878, -80.9760



111.3070, 31.4006, 8.5008



105.8910, -21.1453, 62.3626

Rectangle

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



98.3930, -29.7737, -17.0077



86.7640, 7.5113, -76.0920



111.3070, 31.4006, 8.5008



107.8350, 4.0253, 62.4117

Sweetspot

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



98.3930, -29.7737, -17.0077



147.1550, -11.9084, -7.1519



86.5850, -23.9524, 29.3050



73.7300, -7.2619, -4.1482



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



98.3930, -29.7737, -17.0077



122.2720, -46.4761, -26.5485



86.1340, -23.7301, -42.2135



59.4190, -2.1786, -1.2445



91.9130, -45.3131, -26.2337



185.5980, -91.4998, -52.2674

Inverse Universe

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



59.6070, 29.7737, 17.0077



61.7280, 46.4761, 26.5485



71.8660, 23.7301, 42.2135



56.5810, 2.1786, 1.2445



32.7880, 45.4605, 25.6189



66.4020, 91.4998, 52.2674

Previews

White Background



This preview shows how the YUV color 98.3930, -29.7737, -17.0077 looks on a white 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

Black Background



This preview shows how the YUV color 98.3930, -29.7737, -17.0077 looks on a black 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

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

YUV 98.3930, -29.7737, -17.0077

Background



This preview shows how black text looks on a background with the YUV color 98.3930, -29.7737, -17.0077.



This preview shows how white text looks on a background with the YUV color 98.3930, -29.7737, -17.0077.

-17.0077.

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

98.3930, -29.7737, -17.0077

Protanopia

104.1520, -34.0919, 14.7757

Deuteranopia

105.8420, -30.4881, 25.5716



Tritanopia

106.7470, 7.0267, -13.8101

Trichromacy



Original Color

98.3930, -29.7737, -17.0077

Protanomaly

102.1290, -32.6016, 3.3949

Deuteranomaly

103.1560, -30.1499, 10.3872

Tritanomaly

103.8920, -6.3558, -14.8143

Monochromacy



Original Color

98.3930, -29.7737, -17.0077

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0950, -10.8928, -6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3930, -29.7737, -17.0077 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(79, 120, 38)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 38)  
}
```

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(79, 120, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 38) }
```

Border

The CSS property to change the border of an element to YUV 98.3930, -29.7737, -17.0077 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(79, 120, 38) }
```


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

```
.border{ border-color:rgb(79, 120, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 120, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 38);  
box-shadow:4px 4px 4px 4px rgb(79, 120,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 98.3930, -29.7737, -17.0077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 38) }
```

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

```
.background{ background-color: rgb(79, 120,  
38) }
```

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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