

Converting Colors

YUV(98.7810, -18.1330,
-17.3479)

Have a look what the booklet for
YUV(98.7810, -18.1330, -17.3479)
contains.

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Color

**YUV(98.7810, -18.1330,
-17.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	4F743E
RGB	79, 116, 62
RGB Percent	31%, 45%, 24%
CMY	0.6902, 0.5451, 0.7569
CMYK	0.32, 0.00, 0.47, 0.55
HSL	101°, 30%, 35%
HSV	101°, 47%, 45%
XYZ	10.3393, 14.5008, 6.8114
YIQ	98.7810, -4.7180, -24.6380

Conversions

Conversions Part 2

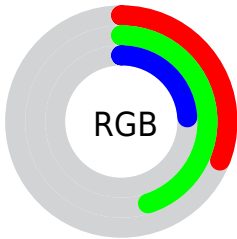
Format	Color
RYB	62, 116, 99
Decimal	5207102
CIELab	44.94, -24.00, 25.68
CIElCh	45, 35.150, 133.066
Yxy	14.5008, 0.3267, 0.4581
Android (android.graphics.Color)	4283397182 (0xFF4F743E)
YUV	98.7810, -18.1330, -17.3479
Hunter-Lab	38.0800, -18.1743, 16.0507

Details

The YUV color **98.7810, -18.1330, -17.3479** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **79.2190, 18.1330, 17.3479**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1400, -19.2960, -17.6628**, and **50.5360, -16.5332, -17.1331** is the 20% darker color. If you saturate the color by 10%, you get **95.0210, -22.1954, -21.0664**, and if you desaturate by 10%, it is **102.5410, -14.0707, -13.6295**.

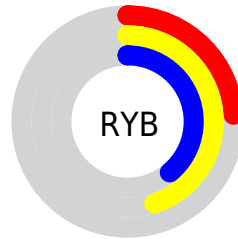
Distribution



Red (31%)

Green (45%)

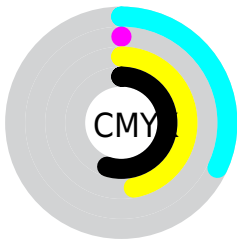
Blue (24%)



Red (24%)

Yellow (45%)

Blue (39%)

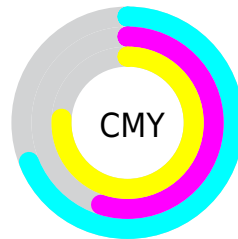


Cyan (32%)

Magenta (0%)

Yellow (47%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7810, -18.1330, -17.3479 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 98.7810, -18.1330, -17.3479 by changing the saturation by 10% instead.

■ 98.7810, -18.1330,
-17.3479

■ 98.7810, -18.1330,
-17.3479

■ 255.0000, 0.0000,
0.0000

■ 74.3080, -17.4068,
-16.9331

■ 150.1400,
-19.2960, -17.6628

■ 50.5360, -16.5332,
-17.1331

■ 177.2000,
-20.3116, -18.5924

■ 29.4050, -14.4967,
-17.0182

■ 205.0860,
-20.7484, -18.4924

■ 15.2620, -7.5242,
-13.3848

■ 232.9720,
-21.1852, -18.3924

■ 0.0000, 0.0000,
0.0000

■ 246.2970,
-13.9504, -5.5225

■ 253.9740, -3.9312,

0.8998

■ 98.7810, -18.1330,
-17.3479

■ 98.7810, -18.1330,
-17.3479

■ 95.0210, -22.1954,
-21.0664

■ 102.5410,
-14.0707, -13.6295

■ 91.3750, -25.8209,
-24.8849

■ 106.1870,
-10.4452, -9.8110

■ 87.6150, -29.8832,
-28.6034

■ 109.9470, -6.3829,
-6.0925

■ 83.9690, -33.5087,
-32.4218

■ 113.5930, -2.7573,
-2.2741

■ 80.2090, -37.5710,
-36.1403

■ 117.3530, 1.3050,
1.4444

■ 79.1550, -39.0234,
-36.9699

■ 121.1130, 5.3673,
5.1629

■ 124.7590, 8.9928,
8.9814

■ 128.5190, 13.0551,
12.6998

■ 132.1650, 16.6807,
16.5183

Harmonies

Analogous

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



102.5300, -27.3763, 7.4282



98.7810, -18.1330, -17.3479



90.3390, -1.1531, -50.2863

Triad

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



98.7810, -18.1330, -17.3479



85.3860, 37.7707, -74.8835



107.4020, -6.1142, 47.8824

Complementary

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



98.7810, -18.1330, -17.3479



79.2190, 18.1330, 17.3479

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.



108.8920, 7.4482, 37.8057



98.7810, -18.1330, -17.3479



104.4360, 28.8721, -20.5534

Square

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



98.7810, -18.1330, -17.3479



86.4970, 29.3350, -75.8579



109.5390, 19.4543, 13.5593



106.0520, -18.7596, 43.8044

Rectangle

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



98.7810, -18.1330, -17.3479



83.3390, 12.1579, -73.0883



109.5390, 19.4543, 13.5593



107.8300, -1.8882, 45.7531

Sweetspot

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



98.7810, -18.1330, -17.3479



143.4200, -7.1091, -6.5073



99.8650, -18.6674, 14.1504



72.7130, -4.7885, -4.1333



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



98.7810, -18.1330, -17.3479



123.3810, -28.2888, -26.6441



94.8380, -11.2591, -28.7989



57.1200, -2.0312, -1.8592



83.2750, -41.0546, -38.8292



170.3710, -83.9929, -80.1324

Inverse Universe

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



79.2190, 18.1330, 17.3479



92.9180, 28.1414, 27.2589



83.1620, 11.2591, 28.7989



54.8800, 2.0312, 1.8592



39.0240, 40.9072, 39.4440



79.6290, 83.9929, 80.1324

Previews

White Background



This preview shows how the YUV color 98.7810, -18.1330, -17.3479 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 98.7810, -18.1330, -17.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

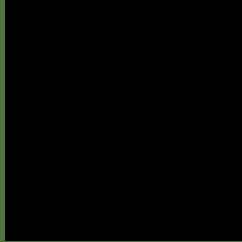
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7810, -18.1330, -17.3479

Background



This preview shows how black text looks on a background with the YUV color 98.7810, -18.1330, -17.3479.



This preview shows how white text looks on a background with the YUV color 98.7810, -18.1330,

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

98.7810, -18.1330, -17.3479

Protanopia

103.8170, -22.5878, 11.5615

Deuteranopia

105.0830, -19.2679, 20.0982



Tritanopia

104.3340, 6.7373, -14.3249

Trichromacy



Original Color

98.7810, -18.1330, -17.3479

Protanomaly

102.0930, -21.2448, 0.7954

Deuteranomaly

102.5220, -18.4983, 6.5582

Tritanomaly

102.3310, -2.1352, -15.1993

Monochromacy



Original Color

98.7810, -18.1330, -17.3479

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9470, -6.3829, -6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7810, -18.1330, -17.3479 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, 116, 62)` looks like.

```
.text, #text, p{  
    color:rgb(79, 116, 62)  
}
```

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, 116, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 116, 62) }
```

Border

The CSS property to change the border of an element to YUV 98.7810, -18.1330, -17.3479 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, 116, 62) }
```


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

```
.border{ border-color:rgb(79, 116, 62) }
```

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

Here you see how a box with a 4 pixel rgb(79, 116, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 116, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 116, 62);  
box-shadow:4px 4px 4px 4px rgb(79, 116,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 98.7810, -18.1330, -17.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 116, 62) }
```

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

```
.background{ background-color: rgb(79, 116,  
62) }
```

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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