

Converting Colors

YUV(97.9610, -17.7288, -6.9818)

Have a look what the booklet for
YUV(97.9610, -17.7288, -6.9818)
contains.

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Color

**YUV(97.9610, -17.7288,
-6.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6D3E
RGB	90, 109, 62
RGB Percent	35%, 43%, 24%
CMY	0.6471, 0.5725, 0.7569
CMYK	0.17, 0.00, 0.43, 0.57
HSL	84°, 27%, 34%
HSV	84°, 43%, 43%
XYZ	10.5546, 13.4587, 6.5989
YIQ	97.9610, 3.7630, -18.6450

Conversions

Conversions Part 2

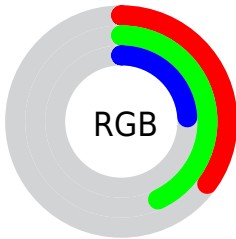
Format	Color
R_{YB}	62, 109, 81
Decimal	5926206
CIE Lab	43.45, -15.91, 23.93
CIE LCh	43, 28.738, 123.609
Yxy	13.4587, 0.3448, 0.4397
Android (android.graphics.Color)	4284116286 (0xFF5A6D3E)
YUV	97.9610, -17.7288, -6.9818
Hunter-Lab	36.6862, -12.8464, 15.0155

Details

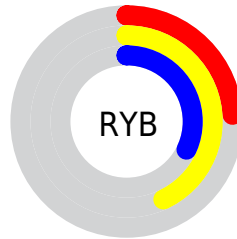
The YUV color **97.9610, -17.7288, -6.9818** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.0390, 17.7288, 6.9818**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2060, -19.3286, -7.1967**, and **50.7160, -16.1290, -6.7669** is the 20% darker color. If you saturate the color by 10%, you get **95.5110, -21.9439, -8.3411**, and if you desaturate by 10%, it is **100.4110, -13.5136, -5.6224**.

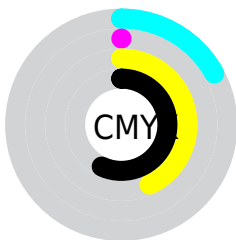
Distribution



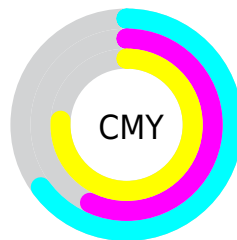
- Red (35%)
- Green (43%)
- Blue (24%)



- Red (24%)
- Yellow (43%)
- Blue (32%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9610, -17.7288, -6.9818 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 97.9610, -17.7288, -6.9818 by changing the saturation by 10% instead.

97.9610, -17.7288,
-6.9818

97.9610, -17.7288,
-6.9818

255.0000, 0.0000,
0.0000

74.0750, -17.2920,
-7.0818

149.2060,
-19.3286, -7.1967

50.7160, -16.1290,
-6.7669

176.0920,
-19.7654, -7.0967

29.7700, -14.6766,
-5.9373

202.9780,
-20.2022, -6.9967

11.7400, -5.7878,
-10.2960

231.5650,
-20.4915, -7.5115

0.0000, 0.0000,
0.0000

249.7710,
-16.1561, 1.9548

253.9740, -3.9312,

0.8998

■ 97.9610, -17.7288,
-6.9818

■ 97.9610, -17.7288,
-6.9818

■ 95.5110, -21.9439,
-8.3411

■ 100.4110,
-13.5136, -5.6224

■ 92.7620, -26.0117,
-10.3153

■ 103.1600, -9.4459,
-3.6483

■ 90.3120, -30.2268,
-11.6746

■ 105.6100, -5.2307,
-2.2890

■ 87.5630, -34.2946,
-13.6488

■ 108.3590, -1.1630,
-0.3148

■ 85.2270, -38.0729,
-15.1081

■ 110.6950, 2.6154,
1.1445

■ 83.4180, -41.1251,
-16.1526

■ 113.1450, 6.8305,
2.5038

■ 115.8940, 10.8983,
4.4780

■ 118.3440, 15.1134,
5.8373

■ 121.0930, 19.1812,
7.8114

Harmonies

Analogous

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



100.4150, -22.8826, 12.7910



97.9610, -17.7288, -6.9818



93.5050, -6.1650, -29.3839

Triad

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



97.9610, -17.7288, -6.9818



86.7700, 28.7074, -61.1883



104.7750, -1.8611, 37.0313

Complementary

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



97.9610, -17.7288, -6.9818



73.0390, 17.7288, 6.9818

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.



105.5700, 9.0860, 25.8101



97.9610, -17.7288, -6.9818



99.3770, 24.9571, -24.8866

Square

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



97.9610, -17.7288, -6.9818



81.5100, 22.9196, -71.4843



104.5440, 18.4658, 3.9079



103.3270, -12.4862, 38.3012

Rectangle

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



97.9610, -17.7288, -6.9818



89.3270, 3.7828, -46.7678



104.5440, 18.4658, 3.9079



105.0890, 1.9281, 35.0019

Sweetspot

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



97.9610, -17.7288, -6.9818



138.4420, -7.1199, -3.0186



87.2060, -12.4266, 19.1133



68.5500, -4.2151, -1.3593



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



97.9610, -17.7288, -6.9818



125.5940, -27.9008, -11.0449



91.0840, -14.3384, -21.1217



52.4190, -2.1786, -1.2445



89.6090, -44.1772, -17.1971



187.4690, -92.4222, -36.3683

Inverse Universe

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



73.0390, 17.7288, 6.9818



86.4060, 27.9008, 11.0449



79.9160, 14.3384, 21.1217



49.2820, 2.3260, 0.6297



27.3910, 44.1772, 17.1971



57.5310, 92.4222, 36.3683

Previews

White Background



This preview shows how the YUV color 97.9610, -17.7288, -6.9818 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 97.9610, -17.7288, -6.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

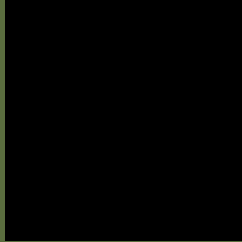
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9610, -17.7288, -6.9818

Background



This preview shows how black text looks on a background with the YUV color 97.9610, -17.7288, -6.9818.



This preview shows how white text looks on a background with the YUV color 97.9610, -17.7288, -6.9818.

-6.9818.

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

97.9610, -17.7288, -6.9818

Protanopia

100.2020, -19.8196, 10.3468

Deuteranopia

102.0120, -18.2469, 19.2835



Tritanopia

102.1180, 4.3788, -4.4885

Trichromacy



Original Color

97.9610, -17.7288, -6.9818

Protanomaly

99.6850, -19.0717, 3.7843

Deuteranomaly

100.6580, -18.0724, 9.9469

Tritanomaly

100.3430, -3.6201, -5.5628

Monochromacy



Original Color

97.9610, -17.7288, -6.9818

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9610, -17.7288, -6.9818 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(90, 109, 62)` looks like.

```
.text, #text, p{  
    color:rgb(90, 109, 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(90, 109, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 109, 62) }
```

Border

The CSS property to change the border of an element to YUV 97.9610, -17.7288, -6.9818 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(90, 109, 62) }
```


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

```
.border{ border-color:rgb(90, 109, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 109, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 109, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 109, 62);  
box-shadow:4px 4px 4px 4px rgb(90, 109,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 97.9610, -17.7288, -6.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 109, 62) }
```

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

```
.background{ background-color: rgb(90, 109,  
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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