

Converting Colors

YUV(97.7650, -17.6321,
-84.8629)

Have a look what the booklet for
YUV(97.7650, -17.6321, -84.8629)
contains.

YUV(97.7650, -17.6321, -84.8629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.7650, -17.6321,
-84.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	019A3E
RGB	1, 154, 62
RGB Percent	0%, 60%, 24%
CMY	0.9961, 0.3961, 0.7569
CMYK	0.99, 0.00, 0.60, 0.40
HSL	144°, 99%, 30%
HSV	144°, 99%, 60%
XYZ	12.4376, 23.4655, 8.4312
YIQ	97.7650, -61.6560, -61.0480

Conversions

Conversions Part 2

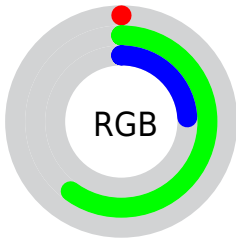
Format	Color
RYB	1, 110, 154
Decimal	105022
CIELab	55.55, -54.55, 38.11
CIELCh	56, 66.549, 145.060
Yxy	23.4655, 0.2805, 0.5293
Android (android.graphics.Color)	4278295102 (0xFF019A3E)
YUV	97.7650, -17.6321, -84.8629
Hunter-Lab	48.4412, -38.9408, 23.5894

Details

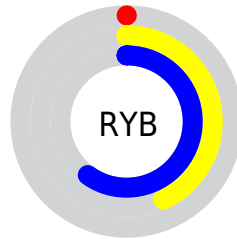
The YUV color **97.7650, -17.6321, -84.8629** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **57.2350, 17.6321, 84.8629**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3500, -24.8225, -65.2049**, and **60.4270, -24.8605, -52.9945** is the 20% darker color. If you saturate the color by 10%, you get **97.3520, -17.9215, -85.3777**, and if you desaturate by 10%, it is **103.2760, -15.9121, -76.5411**.

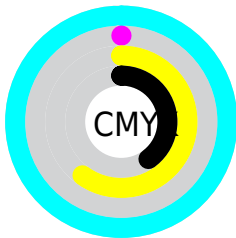
Distribution



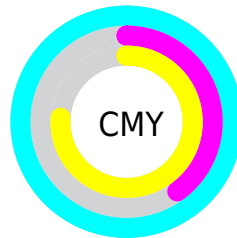
- Red (0%)
- Green (60%)
- Blue (24%)



- Red (0%)
- Yellow (43%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7650, -17.6321, -84.8629 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 97.7650, -17.6321, -84.8629 by changing the saturation by 10% instead.

■ 97.7650, -17.6321,
-84.8629

■ 97.7650, -17.6321,
-84.8629

■ 255.0000, 0.0000,
0.0000

■ 78.7670, -20.5911,
-69.0787

■ 162.3500,
-24.8225, -65.2049

■ 60.4270, -24.8605,
-52.9945

■ 190.8340,
-25.5542, -63.8754

■ 44.6120, -21.9937,
-39.1247

■ 212.5620,
-22.9551, -57.4979

■ 30.5240, -15.0483,
-26.7695

■ 224.6100,
-15.5837, -41.7540

■ 16.4360, -8.1029,
-14.4144

■ 236.4730, -7.6282,
-26.7248

■ 0.0000, 0.0000,
0.0000

■ 248.7490, 0.6167,

-11.1809

■ 97.7650, -17.6321,
-84.8629

■ 97.7650, -17.6321,
-84.8629

■ 97.3520, -17.9215,
-85.3777

■ 103.2760,
-15.9121, -76.5411

■ 109.2000,
-13.9026, -67.7044

■ 114.7110,
-12.1825, -59.3825

■ 120.5210,
-10.6099, -50.4459

■ 126.0320, -8.8898,
-42.1241

■ 131.6570, -6.7329,
-33.9022

■ 137.4670, -5.1602,
-24.9656

■ 142.9780, -3.4402,
-16.6437

■ 148.7880, -1.8675,
-7.7071

Harmonies

Analogous

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



118.3150, -58.3293, -4.6613



97.7650, -17.6321, -84.8629



107.1270, 6.8394, -93.9504

Triad

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



97.7650, -17.6321, -84.8629



112.3270, 67.3798, -98.5108



125.4850, -18.4801, 94.2907

Complementary

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



97.7650, -17.6321, -84.8629



57.2350, 17.6321, 84.8629

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.



127.5640, 8.5959, 89.8364



97.7650, -17.6321, -84.8629



132.0490, 52.7268, -18.4600

Square

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



97.7650, -17.6321, -84.8629



116.8630, 54.2975, -102.4889



135.6850, 31.7073, 50.2653



127.2410, -45.4748, 72.5796

Rectangle

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



97.7650, -17.6321, -84.8629



111.6870, 24.3113, -97.9495



135.6850, 31.7073, 50.2653



124.7270, -8.7394, 96.7094

Sweetspot

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



97.7650, -17.6321, -84.8629



178.9560, -6.8803, -33.2874



118.9170, -58.1331, -20.9752



88.4290, -4.1555, -20.5472



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



97.7650, -17.6321, -84.8629



127.1070, -23.2238, -111.4728



106.2010, 14.6909, -92.2613



74.0380, -1.0047, -4.4183



88.5640, -16.0541, -77.6706



8.2010, -1.5781, -7.1923

Inverse Universe

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



57.2350, 17.6321, 84.8629



73.8930, 23.2238, 111.4728



48.7990, -14.6909, 92.2613



71.8480, 0.5679, 4.5183



51.4360, 16.0541, 77.6706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 97.7650, -17.6321, -84.8629 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 97.7650, -17.6321, -84.8629 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 97.7650, -17.6321, -84.8629

Background



This preview shows how black text looks on a background with the YUV color 97.7650, -17.6321, -84.8629.



This preview shows how white text looks on a background with the YUV color 97.7650, -17.6321,

-84.8629.

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

97.7650, -17.6321, -84.8629

Protanopia

128.2940, -36.1339, 16.4052

Deuteranopia

130.3800, -29.7673, 27.7307



Tritanopia

120.5510, 17.4764, -52.2262

Trichromacy



Original Color

97.7650, -17.6321, -84.8629



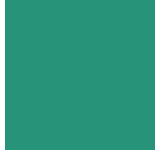
Protanomaly

117.4850, -29.3261, -20.5963



Deuteranomaly

118.2670, -25.2746, -13.3892



Tritanomaly

112.4450, 4.7106, -64.4113

Monochromacy



Original Color

97.7650, -17.6321, -84.8629



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

97.7930, -6.3069, -30.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7650, -17.6321, -84.8629 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(1, 154, 62)` looks like.

```
.text, #text, p{  
    color:rgb(1, 154, 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(1, 154, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 154, 62) }
```

Border

The CSS property to change the border of an element to YUV 97.7650, -17.6321, -84.8629 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(1, 154, 62) }
```


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

```
.border{ border-color:rgb(1, 154, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 154, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 154, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 154, 62);  
box-shadow:4px 4px 4px 4px rgb(1, 154, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 97.7650, -17.6321, -84.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 154, 62) }
```

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

```
.background{ background-color: rgb(1, 154,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor