

Converting Colors

YUV(117.9850, -27.6006,
-14.0188)

Have a look what the booklet for
YUV(117.9850, -27.6006, -14.0188)
contains.

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Color

**YUV(117.9850, -27.6006,
-14.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	66893E
RGB	102, 137, 62
RGB Percent	40%, 54%, 24%
CMY	0.6000, 0.4627, 0.7569
CMYK	0.26, 0.00, 0.55, 0.46
HSL	88°, 38%, 39%
HSV	88°, 55%, 54%
XYZ	15.2947, 21.0639, 7.8171
YIQ	117.9850, 3.2150, -30.7450

Conversions

Conversions Part 2

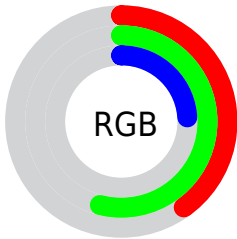
Format	Color
RYB	62, 137, 97
Decimal	6719806
CIELab	53.02, -25.54, 35.88
CIELCh	53, 44.037, 125.445
Yxy	21.0639, 0.3462, 0.4768
Android (android.graphics.Color)	4284909886 (0xFF66893E)
YUV	117.9850, -27.6006, -14.0188
Hunter-Lab	45.8954, -20.8319, 22.0283

Details

The YUV color **117.9850, -27.6006, -14.0188** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **81.0150, 27.6006, 14.0188**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2300, -29.2004, -14.2337**, and **68.0990, -27.1638, -14.1188** is the 20% darker color. If you saturate the color by 10%, you get **114.5950, -32.8313, -16.3078**, and if you desaturate by 10%, it is **121.3750, -22.3699, -11.7299**.

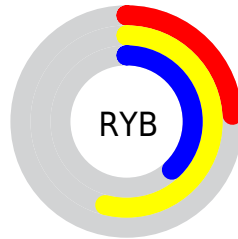
Distribution



Red (40%)

Green (54%)

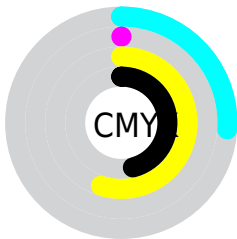
Blue (24%)



Red (24%)

Yellow (54%)

Blue (38%)

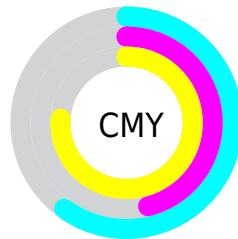


Cyan (26%)

Magenta (0%)

Yellow (55%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9850, -27.6006, -14.0188 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 117.9850, -27.6006, -14.0188 by changing the saturation by 10% instead.

■ 117.9850,
-27.6006, -14.0188

■ 117.9850,
-27.6006, -14.0188

■ 255.0000, 0.0000,
0.0000

■ 92.5120, -26.8744,
-13.6040

■ 171.2300,
-29.2004, -14.2337

■ 68.0990, -27.1638,
-14.1188

■ 198.1160,
-29.6372, -14.1337

■ 45.3530, -22.3590,
-15.2186

■ 226.5890,
-30.3634, -14.5486

■ 24.0670, -11.8650,
-21.1068

■ 243.0340,
-25.1598, -3.5378

■ 10.5660, -5.2090,
-9.2664

■ 251.0100,
-15.2879, 3.4992

■ 0.0000, 0.0000,
0.0000

■ 254.3160, -2.6208,

0.5999

■ 117.9850,
-27.6006, -14.0188

■ 117.9850,
-27.6006, -14.0188

■ 114.5950,
-32.8313, -16.3078

■ 121.3750,
-22.3699, -11.7299

■ 111.0200,
-37.4779, -19.3115

■ 124.9500,
-17.7233, -8.7262

■ 107.6300,
-42.7086, -21.6005

■ 128.3400,
-12.4926, -6.4372

■ 103.9410,
-47.7919, -24.5043

■ 132.0290, -7.4093,
-3.5334

■ 102.2460,
-50.4073, -25.6487

■ 135.4190, -2.1786,
-1.2445

■ 138.6950, 2.6154,
1.1445

■ 142.3840, 7.6987,
4.0482

■ 145.7740, 12.9294,
6.3372

■ 149.3490, 17.5759,
9.3409

Harmonies

Analogous

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



122.3650, -37.1549, 17.2199



117.9850, -27.6006, -14.0188



108.4110, -7.1046, -54.7344

Triad

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



117.9850, -27.6006, -14.0188



103.8230, 44.9503, -91.0528



126.9890, -2.9526, 60.5226

Complementary

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



117.9850, -27.6006, -14.0188



81.0150, 27.6006, 14.0188

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.



130.3470, 14.1259, 42.6687



117.9850, -27.6006, -14.0188



118.7950, 41.0201, -43.6702

Square

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



117.9850, -27.6006, -14.0188



103.7940, 32.1466, -91.0273



129.6120, 28.7853, 7.3563



126.0970, -20.2608, 58.6739

Rectangle

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



117.9850, -27.6006, -14.0188



98.6810, 10.0173, -86.5432



129.6120, 28.7853, 7.3563



128.1610, 2.8786, 56.8638

Sweetspot

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



117.9850, -27.6006, -14.0188



171.5080, -10.6034, -5.7075



104.9700, -21.1842, 28.0903



84.6700, -6.2463, -3.2186



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.9850, -27.6006, -14.0188



149.1030, -43.4348, -22.0153



107.2210, -22.2940, -36.1508



67.3050, -2.6154, -1.1445



99.3000, -48.9549, -24.8191



3.8320, -1.8892, -0.7297

Inverse Universe

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



81.0150, 27.6006, 14.0188



90.8970, 43.4348, 22.0153



92.3770, 21.9991, 37.3804



63.6950, 2.6154, 1.1445



33.7000, 48.9549, 24.8191



1.1680, 1.8892, 0.7297

Previews

White Background



This preview shows how the YUV color 117.9850, -27.6006, -14.0188 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 117.9850, -27.6006, -14.0188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

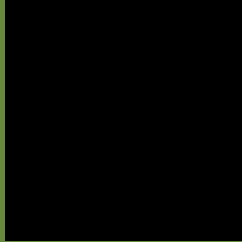
Any Text WCAG AA ✓ Pass

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 117.9850, -27.6006, -14.0188 Background



This preview shows how black text looks on a background with the YUV color 117.9850, -27.6006, -14.0188.



This preview shows how white text looks on a background with the YUV color 117.9850, -27.6006, -14.0188.

-14.0188.

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

117.9850, -27.6006, -14.0188

Protanopia

122.5480, -31.3292, 15.3054

Deuteranopia

124.3090, -28.7463, 26.9160



Tritanopia

125.3560, 6.7265, -10.8362

Trichromacy



Original Color

117.9850, -27.6006, -14.0188

Protanomaly

120.8240, -29.9862, 4.5394

Deuteranomaly

122.0360, -28.1187, 12.2464

Tritanomaly

122.7290, -5.7824, -12.0403

Monochromacy



Original Color

117.9850, -27.6006, -14.0188

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0350, -9.8773, -5.2927

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9850, -27.6006, -14.0188 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(102, 137, 62)` looks like.

```
.text, #text, p{  
    color:rgb(102, 137, 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(102, 137, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 137, 62) }
```

Border

The CSS property to change the border of an element to YUV 117.9850, -27.6006, -14.0188 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(102, 137, 62) }
```


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

```
.border{ border-color:rgb(102, 137, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 137, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 137, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 137, 62);  
box-shadow:4px 4px 4px 4px rgb(102, 137,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 117.9850, -27.6006, -14.0188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 137, 62) }
```

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

```
.background{ background-color: rgb(102,  
137, 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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