

Converting Colors

YUV(123.7610, -34.3922,
17.7496)

Have a look what the booklet for
YUV(123.7610, -34.3922, 17.7496)
contains.

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Color

**YUV(123.7610, -34.3922,
17.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	907F36
RGB	144, 127, 54
RGB Percent	56%, 50%, 21%
CMY	0.4353, 0.5020, 0.7882
CMYK	0.00, 0.12, 0.62, 0.44
HSL	49°, 45%, 39%
HSV	49°, 62%, 56%
XYZ	19.7568, 21.3744, 6.5744
YIQ	123.7610, 33.5650, -19.0990

Conversions

Conversions Part 2

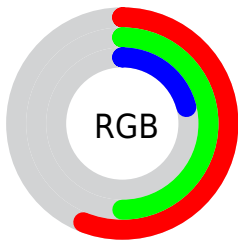
Format	Color
RYB	75, 144, 54
Decimal	9469750
CIELab	53.36, -2.77, 41.12
CIELCh	53, 41.211, 93.850
Yxy	21.3744, 0.4141, 0.4480
Android (android.graphics.Color)	4287659830 (0xFF907F36)
YUV	123.7610, -34.3922, 17.7496
Hunter-Lab	46.2324, -4.6271, 23.9315

Details

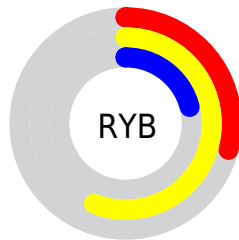
The YUV color **123.7610, -34.3922, 17.7496** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **74.2390, 34.3922, -17.7496**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3160, -36.1448, 19.8939**, and **73.1090, -35.5497, 15.6904** is the 20% darker color. If you saturate the color by 10%, you get **120.4040, -39.6392, 20.6937**, and if you desaturate by 10%, it is **127.1180, -29.1452, 14.8055**.

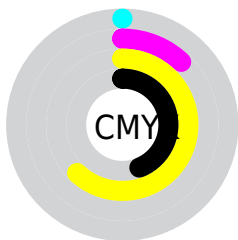
Distribution



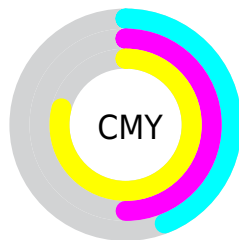
- Red (56%)
- Green (50%)
- Blue (21%)



- Red (29%)
- Yellow (56%)
- Blue (21%)



- Cyan (0%)
- Magenta (12%)
- Yellow (62%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7610, -34.3922, 17.7496 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 123.7610, -34.3922, 17.7496 by changing the saturation by 10% instead.

■ 123.7610,
-34.3922, 17.7496

■ 123.7610,
-34.3922, 17.7496

■ 255.0000, 0.0000,
0.0000

■ 98.1630, -34.0974,
16.5200

■ 177.3160,
-36.1448, 19.8939

■ 73.1090, -35.5497,
15.6904

■ 204.8000,
-36.8764, 21.2234

■ 52.6060, -25.9348,
11.7465

■ 231.9740,
-37.4552, 20.1938

■ 32.8040, -16.1724,
7.1879

■ 246.9060,
-31.0127, 7.0984

■ 11.2190, -5.5310,
0.6849

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 123.7610,
-34.3922, 17.7496

■ 123.7610,
-34.3922, 17.7496

■ 120.4040,
-39.6392, 20.6937

■ 127.1180,
-29.1452, 14.8055

■ 117.5200,
-45.6124, 23.2230

■ 130.0020,
-23.1720, 12.2762

■ 114.1630,
-50.8594, 26.1670

■ 133.3590,
-17.9250, 9.3322

■ 111.7350,
-55.0854, 28.2964

■ 136.8300,
-12.2412, 6.2881

■ 140.1870, -6.9942,
3.3440

■ 142.9570, -1.4578,
0.9147

■ 146.4280, 4.2260,
-2.1294

■ 149.7850, 9.4730,
-5.0734

■ 152.6690, 15.4462,
-7.6027

Harmonies

Analogous

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



125.9410, -30.5369, 41.2707



123.7610, -34.3922, 17.7496



119.9360, -26.5904, -11.3449

Triad

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



123.7610, -34.3922, 17.7496



103.4520, 30.8362, -90.7274



130.9120, 13.8474, 38.6652

Complementary

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



123.7610, -34.3922, 17.7496



74.2390, 34.3922, -17.7496

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.



129.9600, 27.6277, 5.2971



123.7610, -34.3922, 17.7496



103.3670, 43.2031, -90.6529

Square

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



123.7610, -34.3922, 17.7496



100.0490, 15.2588, -87.7430



120.7090, 38.1045, -41.8408



128.7820, -2.3575, 56.3192

Rectangle

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



123.7610, -34.3922, 17.7496



115.3660, -15.4634, -33.6470



120.7090, 38.1045, -41.8408



131.2250, 19.1161, 28.7437

Sweetspot

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



123.7610, -34.3922, 17.7496



177.9010, -13.2622, 7.1028



82.9620, -5.4043, 53.5303



89.2580, -8.0152, 4.1587



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.7610, -34.3922, 17.7496



154.8920, -53.1908, 27.2817



125.6670, -35.3318, -7.6010



69.6150, -2.7682, 1.2146



104.9350, -51.7330, 26.3670



5.9140, -2.9156, 1.8294

Inverse Universe

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



74.2390, 34.3922, -17.7496



78.1080, 53.1908, -27.2817



72.3330, 35.3318, 7.6010



65.9720, 2.4788, -1.7294



30.6520, 51.4436, -26.8818



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 123.7610, -34.3922, 17.7496 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 123.7610, -34.3922, 17.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

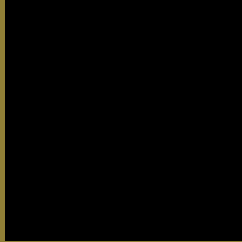
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7610, -34.3922, 17.7496

Background



This preview shows how black text looks on a background with the YUV color 123.7610, -34.3922, 17.7496.



This preview shows how white text looks on a background with the YUV color 123.7610, -34.3922, 17.7496.

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

123.7610, -34.3922, 17.7496

Protanopia

123.7500, -34.3867, 16.0053

Deuteranopia

124.6530, -33.8459, 29.2453



Tritanopia

129.2950, -0.6384, 18.1583

Trichromacy



Original Color

123.7610, -34.3922, 17.7496

Protanomaly

124.0490, -34.5342, 16.6200

Deuteranomaly

124.2180, -34.1245, 25.2418

Tritanomaly

127.3800, -13.0053, 18.0837

Monochromacy



Original Color

123.7610, -34.3922, 17.7496

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.8300, -12.2412, 6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7610, -34.3922, 17.7496 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(144, 127, 54)` looks like.

```
.text, #text, p{  
    color:rgb(144, 127, 54)  
}
```

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(144, 127, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 127, 54) }
```

Border

The CSS property to change the border of an element to YUV 123.7610, -34.3922, 17.7496 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(144, 127, 54) }
```


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

```
.border{ border-color:rgb(144, 127, 54) }
```

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

Here you see how a box with a 4 pixel rgb(144, 127, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 127, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 127, 54);  
box-shadow:4px 4px 4px 4px rgb(144, 127,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 123.7610, -34.3922, 17.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 127, 54) }
```

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

```
.background{ background-color: rgb(144,  
127, 54) }
```

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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