

Converting Colors

YUV(123.8790, -13.2513,
3.6141)

Have a look what the booklet for
YUV(123.8790, -13.2513, 3.6141)
contains.

YUV(123.8790, -13.2513, 3.6141)	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(123.8790, -13.2513,
3.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	807F61
RGB	128, 127, 97
RGB Percent	50%, 50%, 38%
CMY	0.4980, 0.5020, 0.6196
CMYK	0.00, 0.01, 0.24, 0.50
HSL	58°, 14%, 44%
HSV	58°, 24%, 50%
XYZ	18.6491, 20.6310, 14.3085
YIQ	123.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

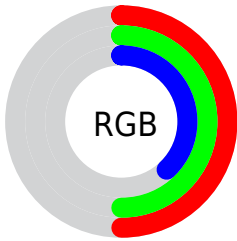
Format	Color
RYB	98, 128, 97
Decimal	8421217
CIELab	52.54, -4.90, 16.50
CIELCh	53, 17.210, 106.551
Yxy	20.6310, 0.3480, 0.3850
Android (android.graphics.Color)	4286611297 (0xFF807F61)
YUV	123.8790, -13.2513, 3.6141
Hunter-Lab	45.4214, -6.1988, 13.1176

Details

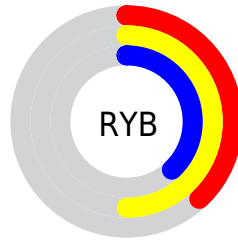
The YUV color **123.8790, -13.2513, 3.6141** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **101.1210, 13.2513, -3.6141**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6510, -14.1249, 3.8141**, and **74.8080, -12.2303, 2.7994** is the 20% darker color. If you saturate the color by 10%, you get **122.3970, -18.9297, 4.9138**, and if you desaturate by 10%, it is **125.3610, -7.5730, 2.3144**.

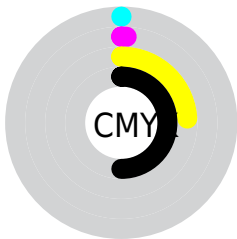
Distribution



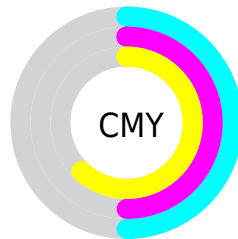
- Red (50%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.8790, -13.2513, 3.6141 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 123.8790, -13.2513, 3.6141 by changing the saturation by 10% instead.

■ 123.8790,
-13.2513, 3.6141

■ 123.8790,
-13.2513, 3.6141

■ 255.0000, 0.0000,
0.0000

■ 98.9930, -12.8145,
3.5141

■ 176.6510,
-14.1249, 3.8141

■ 74.8080, -12.2303,
2.7994

■ 203.8360,
-14.7091, 4.5288

■ 52.0360, -11.3567,
2.5994

■ 231.8360,
-14.7091, 4.5288

■ 30.6940, -12.6671,
2.8994

■ 252.1500,
-10.9200, 2.4994

■ 7.6420, -3.7675,
-4.9480

■ 0.0000, 0.0000,
0.0000

■ 123.8790,
-13.2513, 3.6141

■ 123.8790,
-13.2513, 3.6141

■ 122.3970,
-18.9297, 4.9138

■ 125.3610, -7.5730,
2.3144

■ 120.3280,
-24.3187, 6.7283

■ 127.4300, -2.1840,
0.4999

■ 118.9600,
-29.5603, 7.9281

■ 128.7980, 3.0576,
-0.6998

■ 116.8910,
-34.9493, 9.7426

■ 130.8670, 8.4466,
-2.5144

■ 115.4090,
-40.6276, 11.0423

■ 132.3490, 14.1249,
-3.8141

■ 113.9270,
-46.3060, 12.3420

■ 133.8310, 19.8033,
-5.1138

■ 111.8580,
-51.6950, 14.1565

■ 135.9000, 25.1923,
-6.9283

■ 111.0600,

■ 137.2680, 30.4339,

-54.7526, 14.8564

-8.1280

■ 139.3370, 35.8229,
-9.9425

Harmonies

Analogous

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



125.4290, -14.0155, 15.4098



123.8790, -13.2513, 3.6141



122.0560, -8.4086, -9.6961

Triad

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



123.8790, -13.2513, 3.6141



119.8420, 12.8959, -29.6794



128.4030, 2.2663, 19.8176

Complementary

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



123.8790, -13.2513, 3.6141



101.1210, 13.2513, -3.6141

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.



127.7590, 8.9928, 8.9814



123.8790, -13.2513, 3.6141



123.1790, 15.1948, -20.3280

Square

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



123.8790, -13.2513, 3.6141



119.2350, 6.7861, -30.0241



125.8110, 13.4042, -5.9732



127.6010, -4.7333, 24.9059

Rectangle

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



123.8790, -13.2513, 3.6141



120.8530, -3.8715, -18.2881



125.8110, 13.4042, -5.9732



127.6630, 4.6031, 16.9585

Sweetspot

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



123.8790, -13.2513, 3.6141



164.0450, -4.9522, 1.7145



106.3830, -4.1328, 18.9581



83.2020, -3.0576, 0.6998



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



123.8790, -13.2513, 3.6141



159.3540, -20.3875, 5.8285



120.2800, -11.4770, -5.5076



63.2020, -3.0576, 0.6998



110.4730, -54.4632, 15.3712



0.0000, 0.0000, 0.0000

Inverse Universe

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



101.1210, 13.2513, -3.6141



124.0590, 20.6769, -5.3137



104.7200, 11.4770, 5.5076



58.3850, 2.7682, -1.2146



16.9400, 54.7526, -14.8564



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 123.8790, -13.2513, 3.6141 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 123.8790, -13.2513, 3.6141 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

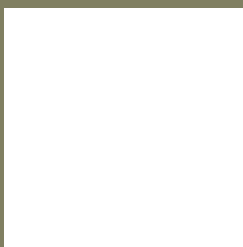
Any Text WCAG AAA × Fail

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

YUV 123.8790, -13.2513, 3.6141 Background



This preview shows how black text looks on a background with the YUV color 123.8790, -13.2513, 3.6141.



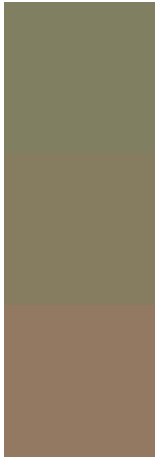
This preview shows how white text looks on a background with the YUV color 123.8790, -13.2513, 3.6141.

3.6141.

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

123.8790, -13.2513, 3.6141

Protanopia

124.3850, -13.9938, 8.4324

Deuteranopia

125.5650, -13.5895, 18.7985



Tritanopia

126.1300, 2.8939, 5.1480

Trichromacy



Original Color

123.8790, -13.2513, 3.6141

Protanomaly

124.3740, -13.9884, 6.6880

Deuteranomaly

125.2330, -13.4259, 12.9507

Tritanomaly

125.5230, -3.2158, 4.8033

Monochromacy



Original Color

123.8790, -13.2513, 3.6141

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7460, -4.8048, 1.0998

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.8790, -13.2513, 3.6141 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(128, 127, 97)` looks like.

```
.text, #text, p{  
    color:rgb(128, 127, 97)  
}
```

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(128, 127, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 127, 97) }
```

Border

The CSS property to change the border of an element to YUV 123.8790, -13.2513, 3.6141 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(128, 127, 97) }
```


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

```
.border{ border-color:rgb(128, 127, 97) }
```

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

Here you see how a box with a 4 pixel rgb(128, 127, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 127, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 127, 97);  
box-shadow:4px 4px 4px 4px rgb(128, 127,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 123.8790, -13.2513, 3.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 127, 97) }
```

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

```
.background{ background-color: rgb(128,  
127, 97) }
```

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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