

Converting Colors

YUV(123.9790, 4.9404,
-44.7086)

Have a look what the booklet for
YUV(123.9790, 4.9404, -44.7086)
contains.

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Color

**YUV(123.9790, 4.9404,
-44.7086)**

Conversions

Conversions Part 1

Format	Color
Hex	499486
RGB	73, 148, 134
RGB Percent	29%, 58%, 53%
CMY	0.7137, 0.4196, 0.4745
CMYK	0.51, 0.00, 0.09, 0.42
HSL	169°, 34%, 43%
HSV	169°, 51%, 58%
XYZ	17.6406, 24.3175, 26.3182
YIQ	123.9790, -40.2060, -20.2540

Conversions

Conversions Part 2

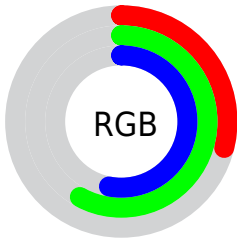
Format	Color
R_{YB}	73, 114, 148
Decimal	4822150
CIE _{Lab}	56.40, -26.88, 0.25
CIE _{LCh}	56, 26.881, 179.465
Yxy	24.3175, 0.2584, 0.3562
Android (android.graphics.Color)	4283012230 (0xFF499486)
YUV	123.9790, 4.9404, -44.7086
Hunter-Lab	49.3128, -22.4427, 2.8759

Details

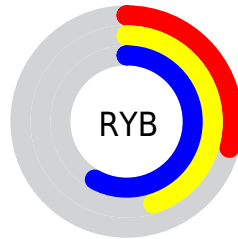
The YUV color **123.9790, 4.9404, -44.7086** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **97.0210, -4.9404, 44.7086**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8650, 4.5036, -44.6086**, and **69.3200, 7.7302, -52.9006** is the 20% darker color. If you saturate the color by 10%, you get **119.1520, 5.8411, -53.6303**, and if you desaturate by 10%, it is **128.8060, 4.0396, -35.7869**.

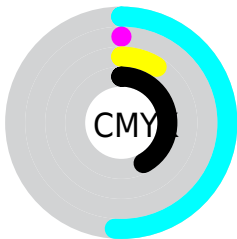
Distribution



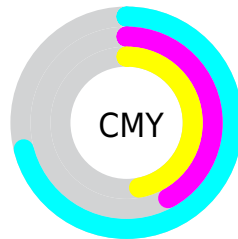
- Red (29%)
- Green (58%)
- Blue (53%)



- Red (29%)
- Yellow (45%)
- Blue (58%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (71%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9790, 4.9404, -44.7086 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 123.9790, 4.9404, -44.7086 by changing the saturation by 10% instead.

■ 123.9790, 4.9404,
-44.7086

■ 123.9790, 4.9404,
-44.7086

■ 255.0000, 0.0000,
0.0000

■ 97.4950, 5.6720,
-46.0381

■ 177.8650, 4.5036,
-44.6086

■ 69.3200, 7.7302,
-52.9006

■ 206.4520, 4.2142,
-45.1234

■ 49.8050, 5.5191,
-43.6790

■ 232.1040, 5.3717,
-43.0642

■ 33.3230, 3.2918,
-29.2243

■ 241.8440, 6.4859,
-27.0502

■ 20.3630, -0.6720,
-17.8584

■ 250.5150, 2.2111,
-9.2217

■ 0.0000, 0.0000,
0.0000

■ 123.9790, 4.9404,
-44.7086

■ 123.9790, 4.9404,
-44.7086

■ 119.1520, 5.8411,
-53.6303

■ 128.8060, 4.0396,
-35.7869

■ 114.3250, 6.7418,
-62.5520

■ 133.6330, 3.1389,
-26.8651

■ 109.9110, 7.9319,
-70.9589

■ 138.0470, 1.9488,
-18.4582

■ 105.0840, 8.8326,
-79.8807

■ 142.8740, 1.0481,
-9.5365

■ 100.5560, 9.5859,
-88.1876

■ 147.7010, 0.1474,
-0.6148

■ 152.5280, -0.7533,
8.3069

■ 157.2410, -2.0908,
17.3286

■ 161.7690, -2.8441,

25.6356

■ 166.5960, -3.7448,
34.5573

Harmonies

Analogous

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



128.2560, -8.5072, -24.7805



123.9790, 4.9404, -44.7086



121.2300, 17.6346, -56.3297

Triad

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



123.9790, 4.9404, -44.7086



137.0490, 19.2028, 0.8340



136.0350, -19.7373, 30.6643

Complementary

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



123.9790, 4.9404, -44.7086



97.0210, -4.9404, 44.7086

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.



136.8540, -11.7600, 38.7160



123.9790, 4.9404, -44.7086



139.0750, 9.8230, 22.7362

Square

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



123.9790, 4.9404, -44.7086



132.5510, 24.3784, -25.9162



138.4050, -0.6927, 35.6018



134.1380, -22.7460, 15.6650

Rectangle

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



123.9790, 4.9404, -44.7086



123.0330, 23.1547, -53.5259



138.4050, -0.6927, 35.6018



136.0400, -17.2747, 34.1679

Sweetspot

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



123.9790, 4.9404, -44.7086



182.0580, 1.9434, -16.7139



121.5100, -23.9154, -29.3883



91.2760, 1.3429, -10.7661



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



123.9790, 4.9404, -44.7086



153.8080, 7.4897, -69.1146



112.0740, 17.7115, -34.2679



71.7930, 0.5951, -4.2035



93.7740, 8.9854, -82.2398



6.7820, 0.6005, -5.9478

Inverse Universe

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



97.0210, -4.9404, 44.7086



112.0780, -7.9265, 69.2146



108.9260, -17.7115, 34.2679



69.2070, -0.5951, 4.2035



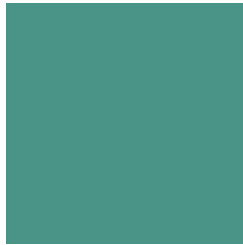
44.2260, -8.9854, 82.2398



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 123.9790, 4.9404, -44.7086 looks on a white background.

Color Contrast Check

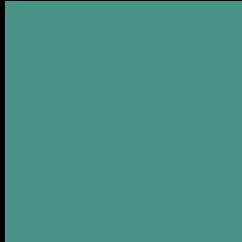
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9790, 4.9404, -44.7086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

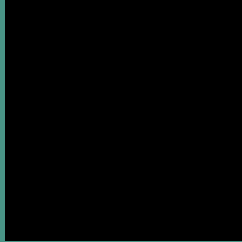
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.9790, 4.9404, -44.7086

Background



This preview shows how black text looks on a background with the YUV color 123.9790, 4.9404, -44.7086.

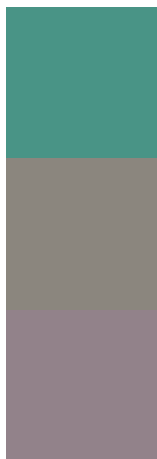


This preview shows how white text looks on a background with the YUV color 123.9790, 4.9404,

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

123.9790, 4.9404, -44.7086

Protanopia

134.5830, -4.2314, 3.8737

Deuteranopia

135.6960, 1.1359, 9.0366



Tritanopia

126.8190, 14.3862, -41.0603

Trichromacy



Original Color

123.9790, 4.9404, -44.7086

Protanomaly

130.6840, -0.8302, -13.7549

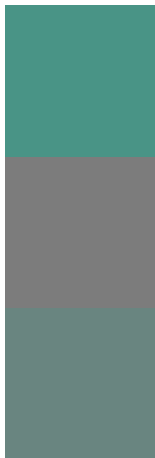
Deuteranomaly

131.6180, 2.6533, -11.0660

Tritanomaly

125.5970, 11.0447, -42.6196

Monochromacy



Original Color

123.9790, 4.9404, -44.7086

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0580, 1.9434, -16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9790, 4.9404, -44.7086 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(73, 148, 134)` looks like.

```
.text, #text, p{  
    color:rgb(73, 148, 134)  
}
```

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(73, 148, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 148, 134) }
```

Border

The CSS property to change the border of an element to YUV 123.9790, 4.9404, -44.7086 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(73, 148, 134) }
```


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

```
.border{ border-color:rgb(73, 148, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 148, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 148, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 148, 134);  
box-shadow:4px 4px 4px 4px rgb(73, 148,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 123.9790, 4.9404, -44.7086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 148, 134) }
```

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

```
.background{ background-color: rgb(73, 148,  
134) }
```

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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