

Converting Colors

YUV(129.7790, -25.0340,
2.8248)

Have a look what the booklet for
YUV(129.7790, -25.0340, 2.8248)
contains.

YUV(129.7790, -25.0340, 2.8248)	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(129.7790, -25.0340,
2.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	858A4F
RGB	133, 138, 79
RGB Percent	52%, 54%, 31%
CMY	0.4784, 0.4588, 0.6902
CMYK	0.04, 0.00, 0.43, 0.46
HSL	65°, 27%, 43%
HSV	65°, 43%, 54%
XYZ	20.1726, 23.7280, 10.9139
YIQ	129.7790, 15.9590, -19.4090

Conversions

Conversions Part 2

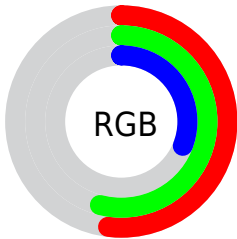
Format	Color
RYB	79, 138, 84
Decimal	8751695
CIELab	55.81, -11.30, 30.91
CIELCh	56, 32.913, 110.074
Yxy	23.7280, 0.3680, 0.4329
Android (android.graphics.Color)	4286941775 (0xFF858A4F)
YUV	129.7790, -25.0340, 2.8248
Hunter-Lab	48.7114, -11.3236, 20.8139

Details

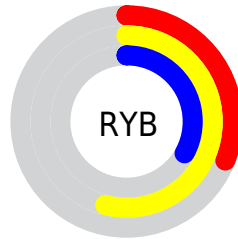
The YUV color **129.7790, -25.0340, 2.8248** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **87.2210, 25.0340, -2.8248**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7360, -26.4918, 3.7395**, and **79.8220, -23.5762, 1.9101** is the 20% darker color. If you saturate the color by 10%, you get **127.8840, -31.0018, 3.6097**, and if you desaturate by 10%, it is **131.6740, -19.0663, 2.0399**.

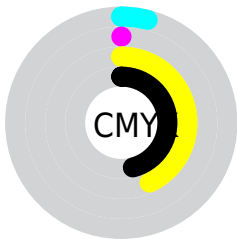
Distribution



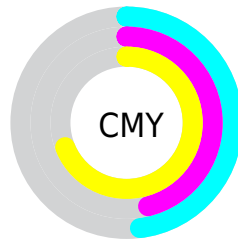
- Red (52%)
- Green (54%)
- Blue (31%)



- Red (31%)
- Yellow (54%)
- Blue (33%)



- Cyan (4%)
- Magenta (0%)
- Yellow (43%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7790, -25.0340, 2.8248 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 129.7790, -25.0340, 2.8248 by changing the saturation by 10% instead.

■ 129.7790,
-25.0340, 2.8248

■ 129.7790,
-25.0340, 2.8248

■ 255.0000, 0.0000,
0.0000

■ 104.5940,
-24.4498, 2.1101

■ 182.7360,
-26.4918, 3.7395

■ 79.8220, -23.5762,
1.9101

■ 210.6220,
-26.9286, 3.8395

■ 56.4090, -23.8656,
1.3953

■ 239.3940,
-27.8022, 4.0395

■ 36.0050, -17.7505,
-0.0044

■ 249.8700,
-19.6559, 4.4990

■ 14.3980, -7.0982,
-9.9960

■ 253.1760, -6.9888,
1.5996

■ 0.0000, 0.0000,
0.0000

■ 129.7790,
-25.0340, 2.8248

■ 129.7790,
-25.0340, 2.8248

■ 127.8840,
-31.0018, 3.6097

■ 131.6740,
-19.0663, 2.0399

■ 125.9890,
-36.9696, 4.3946

■ 133.5690,
-13.0985, 1.2550

■ 123.9090,
-42.3531, 4.4648

■ 135.6490, -7.7150,
1.1848

■ 122.0140,
-48.3209, 5.2497

■ 137.5440, -1.7472,
0.3999

■ 120.1190,
-54.2887, 6.0346

■ 139.4390, 4.2206,
-0.3850

■ 118.6800,
-58.5092, 6.4196

■ 141.3340, 10.1883,
-1.1699

■ 143.2290, 16.1561,
-1.9548

■ 145.0100, 21.6871,

-2.6398

■ 147.2040, 27.5074,
-2.8099

Harmonies

Analogous

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



132.6400, -27.4305, 24.8717



129.7790, -25.0340, 2.8248



125.9590, -14.7698, -22.7660

Triad

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



129.7790, -25.0340, 2.8248



107.6740, 34.1777, -89.1681



136.8770, 3.5116, 40.4499

Complementary

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



129.7790, -25.0340, 2.8248



87.2210, 25.0340, -2.8248

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.



137.1870, 16.6698, 20.0070



129.7790, -25.0340, 2.8248



125.3790, 31.8582, -45.0594

Square

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



129.7790, -25.0340, 2.8248



105.6880, 22.8318, -90.0574



134.4050, 25.9293, -10.0022



135.4790, -9.6031, 46.9379

Rectangle

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



129.7790, -25.0340, 2.8248



121.5960, -4.2378, -40.8647



134.4050, 25.9293, -10.0022



137.3970, 8.1853, 34.7318

Sweetspot

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



129.7790, -25.0340, 2.8248



175.6660, -10.1883, 1.1699



99.5760, -10.1440, 33.6978



87.1050, -5.9678, 0.7849



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.



129.7790, -25.0340, 2.8248



166.1200, -39.0062, 4.2798



121.1080, -20.7592, -15.0037



67.9030, -2.9102, 0.0851



114.2500, -56.3252, 5.9197



4.4300, -2.1840, 0.4999

Inverse Universe

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



87.2210, 25.0340, -2.8248



99.8800, 39.0062, -4.2798



95.8920, 20.7592, 15.0037



63.0970, 2.9102, -0.0851



18.4510, 56.4727, -6.5345



0.5700, 2.1840, -0.4999

Previews

White Background



This preview shows how the YUV color 129.7790, -25.0340, 2.8248 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 129.7790, -25.0340, 2.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

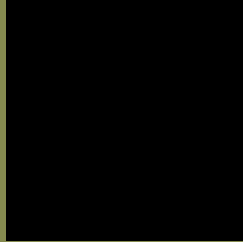
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.7790, -25.0340, 2.8248

Background



This preview shows how black text looks on a background with the YUV color 129.7790, -25.0340, 2.8248.



This preview shows how white text looks on a background with the YUV color 129.7790, -25.0340,

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

129.7790, -25.0340, 2.8248

Protanopia

131.3890, -26.8138, 13.6908

Deuteranopia

132.8080, -25.5413, 25.6014



Tritanopia

134.8310, 3.0413, 4.5332

Trichromacy



Original Color

129.7790, -25.0340, 2.8248

Protanomaly

130.5950, -25.9293, 10.0022

Deuteranomaly

131.7530, -25.5142, 16.8796

Tritanomaly

133.0730, -7.4310, 3.4440

Monochromacy



Original Color

129.7790, -25.0340, 2.8248

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8940, -9.3147, 0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7790, -25.0340, 2.8248 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(133, 138, 79)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 79)  
}
```

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(133, 138, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 79) }
```

Border

The CSS property to change the border of an element to YUV 129.7790, -25.0340, 2.8248 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(133, 138, 79) }
```


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

```
.border{ border-color:rgb(133, 138, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 79);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 129.7790, -25.0340, 2.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 79) }
```

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

```
.background{ background-color: rgb(133,  
138, 79) }
```

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