

Converting Colors

YUV(127.7400, -2.3368, 2.8590)

Have a look what the booklet for
YUV(127.7400, -2.3368, 2.8590)
contains.

YUV(127.7400, -2.3368, 2.8590)	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(127.7400, -2.3368,
2.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	837F7B
RGB	131, 127, 123
RGB Percent	51%, 50%, 48%
CMY	0.4863, 0.5020, 0.5176
CMYK	0.00, 0.03, 0.06, 0.49
HSL	30°, 3%, 50%
HSV	30°, 6%, 51%
XYZ	20.5246, 21.4341, 21.7943
YIQ	127.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

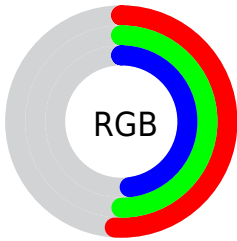
Format	Color
RYB	131, 131, 123
Decimal	8617851
CIELab	53.42, 0.74, 2.70
CIELCh	53, 2.800, 74.612
Yxy	21.4341, 0.3219, 0.3362
Android (android.graphics.Color)	4286807931 (0xFF837F7B)
YUV	127.7400, -2.3368, 2.8590
Hunter-Lab	46.2970, -1.8862, 4.4971

Details

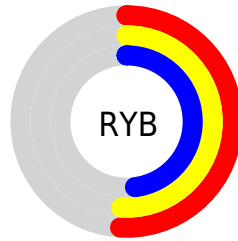
The YUV color **127.7400, -2.3368, 2.8590** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126.2600, 2.3368, -2.8590**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6260, -2.7736, 2.9590**, and **78.7400, -2.3368, 2.8590** is the 20% darker color. If you saturate the color by 10%, you get **122.1490, -5.9895, 7.7623**, and if you desaturate by 10%, it is **133.3310, 1.3158, -2.0443**.

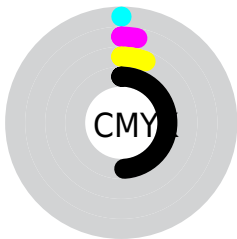
Distribution



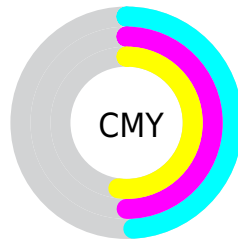
- Red (51%)
- Green (50%)
- Blue (48%)



- Red (51%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7400, -2.3368, 2.8590 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 127.7400, -2.3368, 2.8590 by changing the saturation by 10% instead.

■ 127.7400, -2.3368,
2.8590

■ 127.7400, -2.3368,
2.8590

■ 255.0000, 0.0000,
0.0000

■ 102.7400, -2.3368,
2.8590

■ 180.6260, -2.7736,
2.9590

■ 78.7400, -2.3368,
2.8590

■ 208.0390, -2.4842,
3.4738

■ 55.8540, -1.9000,
2.7590

■ 236.0390, -2.4842,
3.4738

■ 34.5550, -1.7526,
2.1443

■ 12.5120, -3.2104,
3.0590

■ 0.0000, 0.0000,
0.0000

■ 127.7400, -2.3368,
2.8590

■ 127.7400, -2.3368,
2.8590

■ 122.1490, -5.9895,
7.7623

■ 133.3310, 1.3158,
-2.0443

■ 117.1450, -9.9315,
12.1508

■ 138.3350, 5.2578,
-6.4328

■ 111.5540,
-13.5841, 17.0541

■ 143.9260, 8.9105,
-11.3361

■ 106.5500,
-17.5261, 21.4427

■ 148.9300, 12.8525,
-15.7246

■ 100.9590,
-21.1788, 26.3460

■ 154.6350, 16.9419,
-20.7279

■ 95.8410, -25.5576,
30.8344

■ 159.6390, 20.8840,
-25.1164

■ 90.2500, -29.2102,
35.7377

■ 165.2300, 24.5366,
-30.0197

■ 85.2460, -33.1523,

■ 170.2340, 28.4786,

40.1263

-34.4082

■ 79.6550, -36.8049,
45.0296

■ 175.8250, 32.1313,
-39.3115

Harmonies

Analogous

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



127.8650, -1.9054, 4.5034



127.7400, -2.3368, 2.8590



127.4300, -2.1840, 0.4999

Triad

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



127.7400, -2.3368, 2.8590



126.9070, 1.0318, -4.3034



128.3530, 1.3050, 1.4444

Complementary

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



127.7400, -2.3368, 2.8590



126.2600, 2.3368, -2.8590

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.



127.5700, 2.1840, -0.4999



127.7400, -2.3368, 2.8590



127.1350, 1.9054, -4.5034

Square

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



127.7400, -2.3368, 2.8590



126.8640, -0.4260, -3.3887



127.2600, 2.3368, -2.8590



128.1360, 0.4260, 3.3887

Rectangle

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



127.7400, -2.3368, 2.8590



127.2450, -1.5998, -0.2149



127.2600, 2.3368, -2.8590



128.1680, 1.8892, 0.7297

Sweetspot

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



127.7400, -2.3368, 2.8590



169.3700, -1.1684, 1.4295



125.8480, 0.5679, 4.5183



86.1850, -0.5842, 0.7148



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



127.7400, -2.3368, 2.8590



166.1100, -3.5052, 4.2885



130.0880, -3.4944, 0.7998



64.2560, -1.6052, 1.5295



77.0250, -37.9733, 46.4591



1.4840, -0.7316, 1.3295

Inverse Universe

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



126.2600, 2.3368, -2.8590



163.8900, 3.5052, -4.2885



123.9120, 3.4944, -0.7998



63.3310, 1.3158, -2.0443



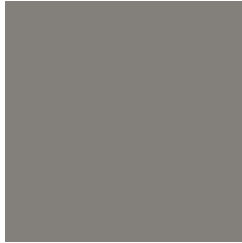
52.9750, 37.9733, -46.4591



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 127.7400, -2.3368, 2.8590 looks on a white background.

Color Contrast Check

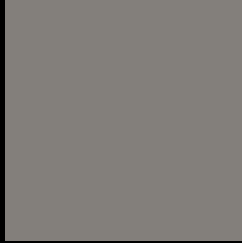
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7400, -2.3368, 2.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

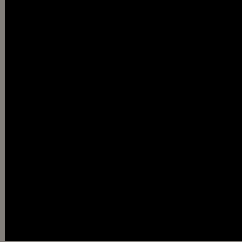
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7400, -2.3368, 2.8590

Background



This preview shows how black text looks on a background with the YUV color 127.7400, -2.3368, 2.8590.



This preview shows how white text looks on a background with the YUV color 127.7400, -2.3368,

2.8590.

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

127.7400, -2.3368, 2.8590

Protanopia

127.7400, -2.3368, 2.8590

Deuteranopia

128.4960, -2.2165, 10.9660



Tritanopia

128.5320, 3.1887, 3.9184

Trichromacy



Original Color

127.7400, -2.3368, 2.8590

Protanomaly

127.7400, -2.3368, 2.8590

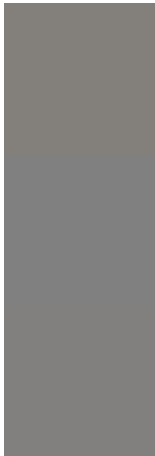
Deuteranomaly

127.8870, -1.9163, 7.9921

Tritanomaly

128.3640, 1.2995, 3.1888

Monochromacy



Original Color

127.7400, -2.3368, 2.8590

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7400, -2.3368, 2.8590 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(131, 127, 123)` looks like.

```
.text, #text, p{  
    color:rgb(131, 127, 123)  
}
```

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(131, 127, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 127, 123) }
```

Border

The CSS property to change the border of an element to YUV 127.7400, -2.3368, 2.8590 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(131, 127, 123) }
```


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

```
.border{ border-color:rgb(131, 127, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 127, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 127, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 127, 123);  
box-shadow:4px 4px 4px 4px rgb(131, 127,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 127.7400, -2.3368, 2.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 127, 123) }
```

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

```
.background{ background-color: rgb(131,  
127, 123) }
```

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