

Converting Colors

YUV(126.9400, -2.4354,
-12.2254)

Have a look what the booklet for
YUV(126.9400, -2.4354, -12.2254)
contains.

YUV(126.9400, -2.4354, -12.2254)	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(126.9400, -2.4354,
-12.2254)**

Conversions

Conversions Part 1

Format	Color
Hex	71877A
RGB	113, 135, 122
RGB Percent	44%, 53%, 48%
CMY	0.5569, 0.4706, 0.5216
CMYK	0.16, 0.00, 0.10, 0.47
HSL	145°, 9%, 49%
HSV	145°, 16%, 53%
XYZ	18.9869, 22.2438, 21.7051
YIQ	126.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

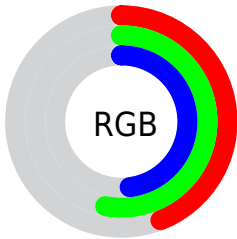
Format	Color
RYB	113, 129, 135
Decimal	7440250
CIELab	54.28, -10.67, 4.35
CIElCh	54, 11.517, 157.820
Yxy	22.2438, 0.3017, 0.3534
Android (android.graphics.Color)	4285630330 (0xFF71877A)
YUV	126.9400, -2.4354, -12.2254
Hunter-Lab	47.1633, -10.6758, 5.7284

Details

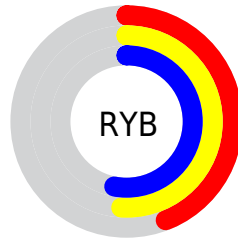
The YUV color **126.9400, -2.4354, -12.2254** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **121.0600, 2.4354, 12.2254**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5270, -2.7248, -12.7402**, and **77.6520, -2.2934, -11.0958** is the 20% darker color. If you saturate the color by 10%, you get **121.8420, -3.8661, -20.0324**, and if you desaturate by 10%, it is **132.0380, -1.0047, -4.4183**.

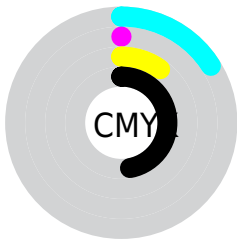
Distribution



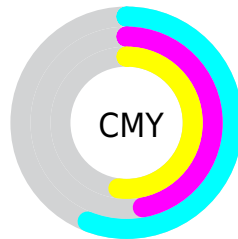
- Red (44%)
- Green (53%)
- Blue (48%)



- Red (44%)
- Yellow (51%)
- Blue (53%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9400, -2.4354, -12.2254 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 126.9400, -2.4354, -12.2254 by changing the saturation by 10% instead.

■ 126.9400, -2.4354,
-12.2254

■ 126.9400, -2.4354,
-12.2254

■ 255.0000, 0.0000,
0.0000

■ 101.9400, -2.4354,
-12.2254

■ 179.5270, -2.7248,
-12.7402

■ 77.6520, -2.2934,
-11.0958

■ 207.2280, -2.5774,
-13.3550

■ 54.7660, -1.8566,
-11.1958

■ 235.8150, -2.8668,
-13.8698

■ 33.1790, -1.5672,
-10.6810

■ 253.2060, 0.8844,
-3.6887

■ 12.3100, -3.6038,
-10.7959

■ 0.0000, 0.0000,
0.0000

■ 126.9400, -2.4354,
-12.2254

■ 126.9400, -2.4354,
-12.2254

■ 121.8420, -3.8661,
-20.0324

■ 132.0380, -1.0047,
-4.4183

■ 117.0430, -5.4442,
-27.2247

■ 136.8370, 0.5734,
2.7740

■ 112.2440, -7.0223,
-34.4170

■ 141.9350, 2.0040,
10.5810

■ 107.1460, -8.4530,
-42.2240

■ 146.7340, 3.5821,
17.7733

■ 102.0480, -9.8837,
-50.0311

■ 151.8320, 5.0128,
25.5803

■ 97.2490, -11.4618,
-57.2234

■ 156.6310, 6.5909,
32.7726

■ 92.1510, -12.8924,
-65.0304

■ 161.7290, 8.0216,
40.5797

■ 87.3520, -14.4705,

■ 166.5280, 9.5997,

-72.2227

47.7719

■ 85.5150, -15.0439,
-74.9967

■ 171.6260, 11.0304,
55.5790

Harmonies

Analogous

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



128.1430, -6.9725, -3.6334



126.9400, -2.4354, -12.2254



126.5740, 2.6750, -18.0434

Triad

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



126.9400, -2.4354, -12.2254



129.7740, 9.4784, -6.8178



131.0900, -6.4534, 16.5841

Complementary

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



126.9400, -2.4354, -12.2254



121.0600, 2.4354, 12.2254

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.



131.8280, -2.3802, 16.8138



126.9400, -2.4354, -12.2254



130.9710, 7.4093, 3.5334

Square

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



126.9400, -2.4354, -12.2254



128.1320, 9.7949, -15.0248



131.8750, 3.0196, 11.5106



130.6720, -9.2053, 12.5657

Rectangle

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



126.9400, -2.4354, -12.2254



126.1870, 6.3168, -19.4580



131.8750, 3.0196, 11.5106



131.7310, -5.2904, 16.8989

Sweetspot

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



126.9400, -2.4354, -12.2254



172.7390, -0.8573, -5.0331



129.8010, -8.2829, -3.3335



87.1630, -0.5734, -2.7740



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.



126.9400, -2.4354, -12.2254



163.1410, -4.0135, -19.4177



128.1940, 2.3694, -13.3251



63.7500, -0.8627, -3.2887



82.3520, -14.4705, -72.2227



1.8750, -0.4314, -1.6444

Inverse Universe

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



121.0600, 2.4354, 12.2254



153.8590, 4.0135, 19.4177



119.8060, -2.3694, 13.3251



62.2500, 0.8628, 3.2888



47.6480, 14.4705, 72.2227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 126.9400, -2.4354, -12.2254 looks on a white background.

Color Contrast Check

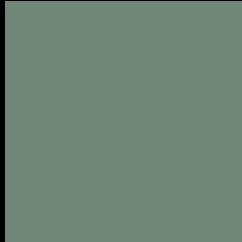
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9400, -2.4354, -12.2254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

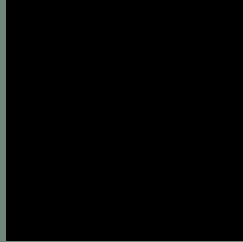
Any Text WCAG AA ✓ Pass

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 126.9400, -2.4354, -12.2254 Background



This preview shows how black text looks on a background with the YUV color 126.9400, -2.4354, -12.2254.



This preview shows how white text looks on a background with the YUV color 126.9400, -2.4354,

-12.2254.

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

126.9400, -2.4354, -12.2254

Protanopia

129.3550, -5.1050, 4.0737

Deuteranopia

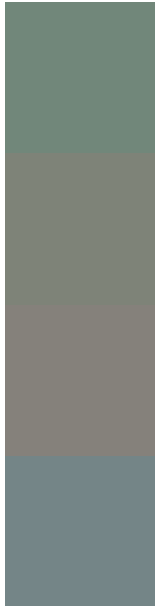
130.5670, -3.2375, 11.7807



Tritanopia

128.7690, 7.0159, -10.3214

Trichromacy



Original Color

126.9400, -2.4354, -12.2254

Protanomaly

128.2510, -4.0677, -1.9741

Deuteranomaly

129.5120, -3.2104, 3.0590

Tritanomaly

128.1450, 3.3795, -10.6512

Monochromacy



Original Color

126.9400, -2.4354, -12.2254

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9400, -2.4354, -12.2254 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(113, 135, 122)` looks like.

```
.text, #text, p{  
    color:rgb(113, 135, 122)  
}
```

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(113, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 135, 122) }
```

Border

The CSS property to change the border of an element to YUV 126.9400, -2.4354, -12.2254 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(113, 135, 122) }
```


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

```
.border{ border-color:rgb(113, 135, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 135, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 135, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 135, 122);  
box-shadow:4px 4px 4px 4px rgb(113, 135,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 126.9400, -2.4354, -12.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 135, 122) }
```

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

```
.background{ background-color: rgb(113,  
135, 122) }
```

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