

Converting Colors

YUV(126.8850, -22.6213,
-24.4551)

Have a look what the booklet for
YUV(126.8850, -22.6213, -24.4551)
contains.

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Color

**YUV(126.8850, -22.6213,
-24.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	639651
RGB	99, 150, 81
RGB Percent	39%, 59%, 32%
CMY	0.6118, 0.4118, 0.6824
CMYK	0.34, 0.00, 0.46, 0.41
HSL	104°, 30%, 45%
HSV	104°, 46%, 59%
XYZ	17.5371, 25.0594, 11.6972
YIQ	126.8850, -8.2470, -32.2710

Conversions

Conversions Part 2

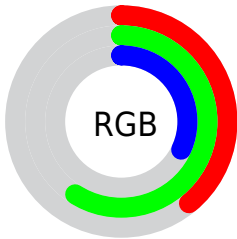
Format	Color
RYB	81, 150, 132
Decimal	6526545
CIELab	57.13, -30.58, 31.02
CIELCh	57, 43.556, 134.595
Yxy	25.0594, 0.3230, 0.4616
Android (android.graphics.Color)	4284716625 (0xFF639651)
YUV	126.8850, -22.6213, -24.4551
Hunter-Lab	50.0594, -25.0706, 21.1875

Details

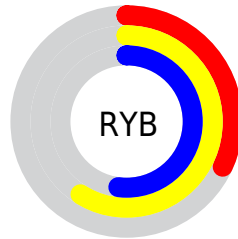
The YUV color **126.8850, -22.6213, -24.4551** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **104.1150, 22.6213, 24.4551**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8310, -24.0737, -25.2848**, and **76.3410, -20.8741, -24.8551** is the 20% darker color. If you saturate the color by 10%, you get **121.8860, -27.5518, -29.7180**, and if you desaturate by 10%, it is **131.8840, -17.6908, -19.1923**.

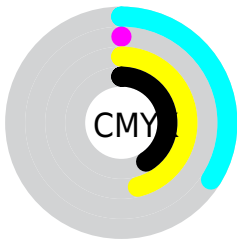
Distribution



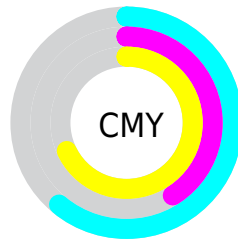
- Red (39%)
- Green (59%)
- Blue (32%)



- Red (32%)
- Yellow (59%)
- Blue (52%)



- Cyan (34%)
- Magenta (0%)
- Yellow (46%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.8850, -22.6213, -24.4551 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 126.8850, -22.6213, -24.4551 by changing the saturation by 10% instead.

■ 126.8850,
-22.6213, -24.4551

■ 126.8850,
-22.6213, -24.4551

■ 255.0000, 0.0000,
0.0000

■ 101.1130,
-21.7477, -24.6551

■ 180.8310,
-24.0737, -25.2848

■ 76.3410, -20.8741,
-24.8551

■ 208.3040,
-24.7999, -25.6996

■ 51.0420, -20.7267,
-25.4698

■ 232.6680,
-23.5003, -22.5108

■ 29.9370, -14.7589,
-26.2547

■ 244.5310,
-15.5448, -7.4817

■ 18.7840, -9.2605,
-16.4736

■ 253.5180, -5.6784,
1.2997

■ 0.0000, 0.0000,
0.0000

■ 126.8850,
-22.6213, -24.4551

■ 126.8850,
-22.6213, -24.4551

■ 121.8860,
-27.5518, -29.7180

■ 131.8840,
-17.6908, -19.1923

■ 116.8870,
-32.4823, -34.9809

■ 136.8830,
-12.7603, -13.9294

■ 111.8880,
-37.4128, -40.2438

■ 141.8820, -7.8298,
-8.6665

■ 106.8890,
-42.3433, -45.5067

■ 146.8810, -2.8993,
-3.4036

■ 101.8900,
-47.2738, -50.7695

■ 151.8800, 2.0312,
1.8592

■ 99.7110, -49.1575,
-53.2435

■ 157.1780, 6.8142,
7.7369

■ 162.1770, 11.7447,
12.9998

■ 167.1760, 16.6752,

18.2626

■ 172.1750, 21.6057,
23.5255

Harmonies

Analogous

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



132.0650, -35.5280, 8.7130



126.8850, -22.6213, -24.4551



114.0760, 0.9485, -71.1037

Triad

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



126.8850, -22.6213, -24.4551



110.2290, 49.1871, -96.6708



137.8060, -8.7784, 62.4371

Complementary

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



126.8850, -22.6213, -24.4551



104.1150, 22.6213, 24.4551

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.



140.3110, 8.7207, 49.7163



126.8850, -22.6213, -24.4551



135.2920, 37.3240, -24.8121

Square

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



126.8850, -22.6213, -24.4551



111.9440, 37.9886, -98.1749



141.3640, 24.9635, 19.8518



136.4080, -25.3441, 55.7702

Rectangle

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



126.8850, -22.6213, -24.4551



107.7600, 16.8803, -94.5055



141.3640, 24.9635, 19.8518



138.6900, -2.8052, 59.9079

Sweetspot

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



126.8850, -22.6213, -24.4551



184.9420, -8.8454, -9.5961



131.5680, -24.9300, 16.1649



91.4740, -5.6567, -5.6777



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.



126.8850, -22.6213, -24.4551



158.1810, -35.0922, -37.8697



123.3270, -12.9792, -37.1208



71.4080, -2.1731, -2.9888



91.7700, -45.2426, -48.9103



6.7670, -3.3361, -3.3037

Inverse Universe

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



104.1150, 22.6213, 24.4551



122.8190, 35.0922, 37.8697



107.6730, 12.9792, 37.1208



69.2930, 2.3206, 2.3740



46.2300, 45.2426, 48.9103



3.5320, 3.1887, 3.9184

Previews

White Background



This preview shows how the YUV color 126.8850, -22.6213, -24.4551 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 126.8850, -22.6213, -24.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

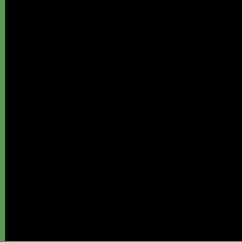
Any Text WCAG AA ✓ Pass

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 126.8850, -22.6213, -24.4551 Background



This preview shows how black text looks on a background with the YUV color 126.8850, -22.6213, -24.4551.



This preview shows how white text looks on a background with the YUV color 126.8850, -22.6213, -24.4551.

-24.4551.

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

126.8850, -22.6213, -24.4551

Protanopia

133.9330, -28.5610, 14.0908

Deuteranopia

135.4490, -24.3784, 25.9162



Tritanopia

133.9850, 9.3744, -20.1578

Trichromacy



Original Color

126.8850, -22.6213, -24.4551

Protanomaly

131.4150, -26.3336, -0.3640

Deuteranomaly

132.1540, -23.7399, 7.7579

Tritanomaly

131.5860, -2.2609, -21.5619

Monochromacy



Original Color

126.8850, -22.6213, -24.4551

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7680, -8.2666, -8.5665

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8850, -22.6213, -24.4551 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(99, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(99, 150, 81)  
}
```

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(99, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 150, 81) }
```

Border

The CSS property to change the border of an element to YUV 126.8850, -22.6213, -24.4551 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(99, 150, 81) }
```


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

```
.border{ border-color:rgb(99, 150, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 150, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(99, 150,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 126.8850, -22.6213, -24.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 150, 81) }
```

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

```
.background{ background-color: rgb(99, 150,  
81) }
```

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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