

Converting Colors

YUV(100.2550, -30.1987,
26.0864)

Have a look what the booklet for
YUV(100.2550, -30.1987, 26.0864)
contains.

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Color

**YUV(100.2550, -30.1987,
26.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	826127
RGB	130, 97, 39
RGB Percent	51%, 38%, 15%
CMY	0.4902, 0.6196, 0.8471
CMYK	0.00, 0.25, 0.70, 0.49
HSL	38°, 54%, 33%
HSV	38°, 70%, 51%
XYZ	13.8468, 13.4417, 3.7842
YIQ	100.2550, 38.2860, -11.0420

Conversions

Conversions Part 2

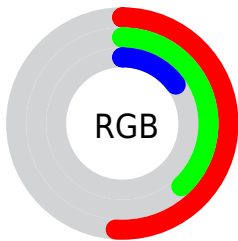
Format	Color
R_{YB}	91, 130, 39
Decimal	8544551
CIE _{Lab}	43.42, 6.97, 37.18
CIE _{LCh}	43, 37.829, 79.390
Yxy	13.4417, 0.4456, 0.4326
Android (android.graphics.Color)	4286734631 (0xFF826127)
YUV	100.2550, -30.1987, 26.0864
Hunter-Lab	36.6629, 3.2556, 19.5444

Details

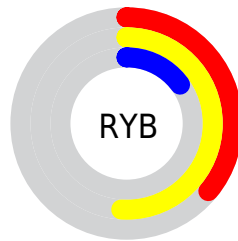
The YUV color **100.2550, -30.1987, 26.0864** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **68.7450, 30.1987, -26.0864**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8210, -31.9568, 29.9750**, and **52.9600, -26.1093, 21.0831** is the 20% darker color. If you saturate the color by 10%, you get **95.8380, -34.4301, 29.9601**, and if you desaturate by 10%, it is **104.6720, -25.9673, 22.2127**.

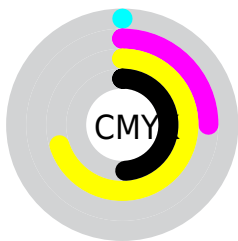
Distribution



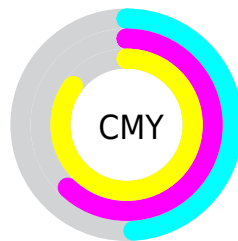
- Red (51%)
- Green (38%)
- Blue (15%)



- Red (36%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (70%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2550, -30.1987, 26.0864 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 100.2550, -30.1987, 26.0864 by changing the saturation by 10% instead.

■ 100.2550,
-30.1987, 26.0864

■ 100.2550,
-30.1987, 26.0864

■ 255.0000, 0.0000,
0.0000

■ 75.3580, -29.7565,
24.2420

■ 151.8210,
-31.9568, 29.9750

■ 52.9600, -26.1093,
21.0831

■ 179.1910,
-33.1252, 31.4045

■ 33.1580, -16.3469,
16.5244

■ 206.6750,
-33.8568, 32.7340

■ 11.8940, -5.8637,
14.1250

■ 229.4780,
-31.7877, 22.3828

■ 0.0000, 0.0000,
0.0000

■ 247.8180,
-27.5183, 6.2986

■ 251.0100,

-15.2879, 3.4992

254.3160, -2.6208,
0.5999

100.2550,
-30.1987, 26.0864

100.2550,
-30.1987, 26.0864

95.8380, -34.4301,
29.9601

104.6720,
-25.9673, 22.2127

92.0080, -38.9509,
33.3190

108.5020,
-21.4465, 18.8537

87.5910, -43.1824,
37.1927

112.9190,
-17.2151, 14.9800

117.3360,
-12.9836, 11.1063

121.7530, -8.7522,
7.2326

■ 125.5830, -4.2314,
3.8737

■ 130.0000, 0.0000,
0.0000

■ 134.4170, 4.2314,
-3.8737

■ 138.2470, 8.7522,
-7.2326

Harmonies

Analogous

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



101.4280, -22.3960, 43.4746



100.2550, -30.1987, 26.0864



97.5680, -28.3810, 3.0099

Triad

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



100.2550, -30.1987, 26.0864



83.1740, 19.1412, -72.9436



105.7680, 18.8484, 21.2515

Complementary

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



100.2550, -30.1987, 26.0864



68.7450, 30.1987, -26.0864

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.



102.2950, 29.4346, -14.2907



100.2550, -30.1987, 26.0864



85.0780, 31.5135, -74.6134

Square

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



100.2550, -30.1987, 26.0864



79.5260, 5.1637, -69.7443



82.6790, 40.0913, -72.5095



104.6540, 5.1006, 44.1534

Rectangle

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



100.2550, -30.1987, 26.0864



94.6950, -21.0486, -15.5185



82.6790, 40.0913, -72.5095



105.3260, 22.5173, 11.1151

Sweetspot

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



100.2550, -30.1987, 26.0864



156.3790, -11.5258, 10.1916



69.9710, 1.0003, 52.6454



77.4970, -7.1470, 5.7031



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



100.2550, -30.1987, 26.0864



121.9890, -46.8296, 40.3516



116.0380, -37.9797, 1.7207



61.4410, -2.1894, 2.2442



85.8190, -42.3088, 36.9927



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.7450, 30.1987, -26.0864



73.0110, 46.8296, -40.3516



52.9620, 37.9797, -1.7207



59.5590, 2.1894, -2.2442



41.5940, 42.5982, -36.4779



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.2550, -30.1987, 26.0864 looks on a white 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

Black Background



This preview shows how the YUV color 100.2550, -30.1987, 26.0864 looks on a black 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

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

YUV 100.2550, -30.1987, 26.0864

Background



This preview shows how black text looks on a background with the YUV color 100.2550, -30.1987, 26.0864.



This preview shows how white text looks on a background with the YUV color 100.2550, -30.1987,

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

100.2550, -30.1987, 26.0864

Protanopia

99.5200, -28.8504, 13.5760

Deuteranopia

100.2440, -30.1933, 24.3420



Tritanopia

104.6550, -3.2809, 25.7356

Trichromacy



Original Color

100.2550, -30.1987, 26.0864

Protanomaly

99.7270, -29.4454, 17.7794

Deuteranomaly

100.5430, -30.3407, 24.9568

Tritanomaly

103.1360, -12.8850, 26.1907

Monochromacy



Original Color

100.2550, -30.1987, 26.0864

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1940, -10.9416, 9.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2550, -30.1987, 26.0864 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(130, 97, 39)` looks like.

```
.text, #text, p{  
    color:rgb(130, 97, 39)  
}
```

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(130, 97, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 97, 39) }
```

Border

The CSS property to change the border of an element to YUV 100.2550, -30.1987, 26.0864 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(130, 97, 39) }
```


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

```
.border{ border-color:rgb(130, 97, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 97, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 97, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 97, 39);  
box-shadow:4px 4px 4px 4px rgb(130, 97,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 100.2550, -30.1987, 26.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 97, 39) }
```

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

```
.background{ background-color: rgb(130, 97,  
39) }
```

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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