

Converting Colors

YUV(100.3030, -26.2784,
28.6753)

Have a look what the booklet for
YUV(100.3030, -26.2784, 28.6753)
contains.

YUV(100.3030, -26.2784, 28.6753)	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(100.3030, -26.2784,
28.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	855E2F
RGB	133, 94, 47
RGB Percent	52%, 37%, 18%
CMY	0.4784, 0.6314, 0.8157
CMYK	0.00, 0.29, 0.65, 0.48
HSL	33°, 48%, 35%
HSV	33°, 65%, 52%
XYZ	14.1887, 13.1972, 4.4888
YIQ	100.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

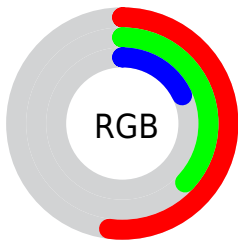
Format	Color
R _Y B	118, 133, 47
Decimal	8740399
CIE Lab	43.06, 10.68, 32.73
CIE LCh	43, 34.431, 71.938
Yxy	13.1972, 0.4451, 0.4140
Android (android.graphics.Color)	4286930479 (0xFF855E2F)
YUV	100.3030, -26.2784, 28.6753
Hunter-Lab	36.3279, 6.1431, 18.1035

Details

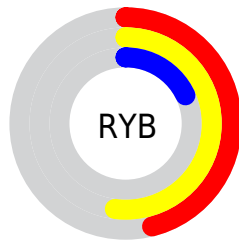
The YUV color **100.3030, -26.2784, 28.6753** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **79.6970, 26.2784, -28.6753**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8690, -28.0364, 32.5639**, and **52.0960, -25.6833, 24.4718** is the 20% darker color. If you saturate the color by 10%, you get **95.2990, -30.2204, 33.0638**, and if you desaturate by 10%, it is **105.3070, -22.3364, 24.2868**.

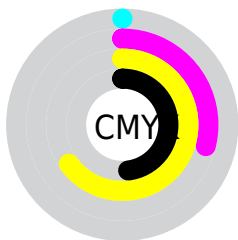
Distribution



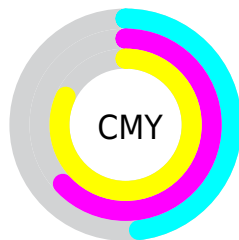
- Red (52%)
- Green (37%)
- Blue (18%)



- Red (46%)
- Yellow (52%)
- Blue (18%)



- Cyan (0%)
- Magenta (29%)
- Yellow (65%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3030, -26.2784, 28.6753 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 100.3030, -26.2784, 28.6753 by changing the saturation by 10% instead.

■ 100.3030,
-26.2784, 28.6753

■ 100.3030,
-26.2784, 28.6753

■ 255.0000, 0.0000,
0.0000

■ 75.5200, -25.3994,
26.7310

■ 151.8690,
-28.0364, 32.5639

■ 52.0960, -25.6833,
24.4718

■ 179.2390,
-29.2048, 33.9934

■ 32.2940, -15.9209,
19.9132

■ 206.7230,
-29.9364, 35.3229

■ 10.4430, -5.1484,
18.0285

■ 228.6290,
-27.4251, 23.1274

■ 0.0000, 0.0000,
0.0000

■ 248.7300,
-24.0239, 5.4988

■ 251.9220,

-11.7935, 2.6994

■ 100.3030,
-26.2784, 28.6753

■ 100.3030,
-26.2784, 28.6753

■ 95.2990, -30.2204,
33.0638

■ 105.3070,
-22.3364, 24.2868

■ 90.1810, -34.5992,
37.5523

■ 110.4250,
-17.9575, 19.7983

■ 85.1770, -38.5413,
41.9408

■ 115.4290,
-14.0155, 15.4098

■ 82.6180, -40.7307,
44.1850

■ 120.4330,
-10.0735, 11.0213

■ 125.5510, -5.6946,
6.5328

■ 130.5550, -1.7526,
2.1443

■ 135.5590, 2.1894,
-2.2442

■ 140.5630, 6.1314,
-6.6328

■ 145.6810, 10.5103,
-11.1212

Harmonies

Analogous

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



101.5680, -18.0280, 42.4749



100.3030, -26.2784, 28.6753



98.3560, -26.7975, 8.4578

Triad

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



100.3030, -26.2784, 28.6753



80.9740, 15.7888, -71.0142



104.8270, 19.3123, 12.4297

Complementary

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



100.3030, -26.2784, 28.6753



79.6970, 26.2784, -28.6753

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.



99.6100, 28.2933, -21.5830



100.3030, -26.2784, 28.6753



83.3510, 27.4350, -73.0988

Square

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



100.3030, -26.2784, 28.6753



86.5350, -1.7428, -47.8272



82.2400, 35.8707, -72.1245



103.9950, 7.8905, 35.9614

Rectangle

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



100.3030, -26.2784, 28.6753



96.2230, -21.8019, -7.2116



82.2400, 35.8707, -72.1245



103.9720, 22.6918, 1.7786

Sweetspot

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



100.3030, -26.2784, 28.6753



160.4330, -10.0735, 11.0213



77.2740, 4.7949, 48.8717



79.4370, -6.1314, 6.6328



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.



100.3030, -26.2784, 28.6753



121.8030, -41.3149, 44.8998



122.2990, -37.1224, 6.7538



63.5550, -1.7526, 2.1443



80.5470, -39.7097, 43.3703



1.4840, -0.7316, 1.3295

Inverse Universe

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



79.6970, 26.2784, -28.6753



89.1970, 41.3149, -44.8998



57.7010, 37.1224, -6.7538



62.4450, 1.7526, -2.1443



49.4530, 39.7097, -43.3703



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 100.3030, -26.2784, 28.6753 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 100.3030, -26.2784, 28.6753 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 100.3030, -26.2784, 28.6753

Background



This preview shows how black text looks on a background with the YUV color 100.3030, -26.2784, 28.6753.



This preview shows how white text looks on a background with the YUV color 100.3030, -26.2784,

28.6753.

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

100.3030, -26.2784, 28.6753

Protanopia

99.3610, -24.3350, 11.9614

Deuteranopia

99.8570, -26.5515, 22.9274



Tritanopia

103.7370, -4.3073, 28.2947

Trichromacy



Original Color

100.3030, -26.2784, 28.6753

Protanomaly

99.5790, -24.9354, 17.9092

Deuteranomaly

100.1670, -26.7043, 25.2865

Tritanomaly

102.6740, -12.1643, 28.3499

Monochromacy



Original Color

100.3030, -26.2784, 28.6753

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2480, -9.4893, 10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3030, -26.2784, 28.6753 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, 94, 47)` looks like.

```
.text, #text, p{  
    color:rgb(133, 94, 47)  
}
```

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, 94, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 94, 47) }
```

Border

The CSS property to change the border of an element to YUV 100.3030, -26.2784, 28.6753 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, 94, 47) }
```


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

```
.border{ border-color:rgb(133, 94, 47) }
```

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

Here you see how a box with a 4 pixel rgb(133, 94, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 94, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 94, 47);  
box-shadow:4px 4px 4px 4px rgb(133, 94,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 100.3030, -26.2784, 28.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 94, 47) }
```

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

```
.background{ background-color: rgb(133, 94,  
47) }
```

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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