

Converting Colors

YUV(26.5530, 8.1084, 12.6700)

Have a look what the booklet for
YUV(26.5530, 8.1084, 12.6700)
contains.

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Color

**YUV(26.5530, 8.1084,
12.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	29102B
RGB	41, 16, 43
RGB Percent	16%, 6%, 17%
CMY	0.8392, 0.9373, 0.8314
CMYK	0.05, 0.63, 0.00, 0.83
HSL	296°, 46%, 12%
HSV	296°, 63%, 17%
XYZ	1.5358, 1.0164, 2.4007
YIQ	26.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

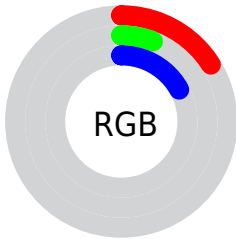
Format	Color
R_{YB}	41, 16, 43
Decimal	2691115
CIE Lab	9.13, 18.10, -12.76
CIE LCh	9, 22.143, 324.816
Yxy	1.0164, 0.3101, 0.2052
Android (android.graphics.Color)	4280881195 (0xFF29102B)
YUV	26.5530, 8.1084, 12.6700
Hunter-Lab	10.0818, 9.5484, -7.0614

Details

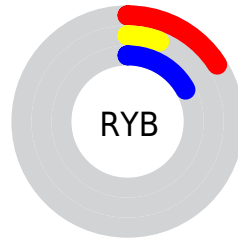
The YUV color **26.5530, 8.1084, 12.6700** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **32.4470, -8.1084, -12.6700**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.7920, 8.9765, 14.2144**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.2050, 9.2659, 14.7292**, and if you desaturate by 10%, it is **28.9010, 6.9508, 10.6108**.

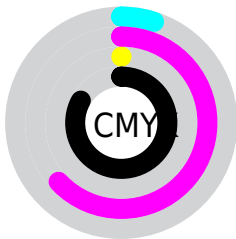
Distribution



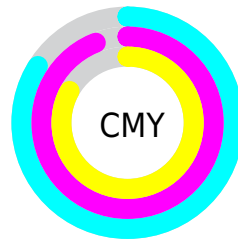
- Red (16%)
- Green (6%)
- Blue (17%)



- Red (16%)
- Yellow (6%)
- Blue (17%)



- Cyan (5%)
- Magenta (63%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (94%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5530, 8.1084, 12.6700 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 26.5530, 8.1084, 12.6700 by changing the saturation by 10% instead.

■ 26.5530, 8.1084,
12.6700

■ 26.5530, 8.1084,
12.6700

■ 247.3690, 3.7621,
6.6924

■ 8.9010, 6.9508,
10.6108

■ 70.7920, 8.9765,
14.2144

■ 0.0000, 0.0000,
0.0000

■ 94.5040, 9.1185,
15.3440

■ 119.9170, 9.4079,
15.8588

■ 145.3300, 9.6973,
16.3736

■ 171.7430, 9.9867,
16.8884

■ 199.1560, 10.2761,

17.4032

■ 227.5690, 10.5655,
17.9180

■ 26.5530, 8.1084,
12.6700

■ 26.5530, 8.1084,
12.6700

■ 24.2050, 9.2659,
14.7292

■ 28.9010, 6.9508,
10.6108

■ 20.9710, 10.8603,
16.6884

■ 32.1350, 5.3564,
8.6516

■ 18.6230, 12.0179,
18.7476

■ 34.4830, 4.1989,
6.5924

■ 16.8620, 12.8860,
20.2920

■ 36.8310, 3.0413,
4.5332

■ 40.0650, 1.4470,
2.5740

■ 42.4130, 0.2894,
0.5148

■ 44.7610, -0.8682,
-1.5444

■ 47.4080, -2.1731,
-2.9888

■ 50.3430, -3.6201,
-5.5628

Harmonies

Analogous

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



25.5230, 13.5462, -4.8437



26.5530, 8.1084, 12.6700



25.0120, 1.9661, 22.7915

Triad

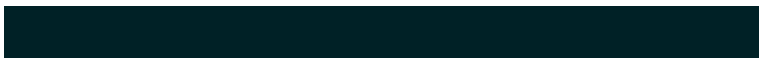
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5530, 8.1084, 12.6700



24.8520, -12.2520, 9.7768



23.7030, 7.0484, -20.7875

Complementary

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



26.5530, 8.1084, 12.6700



32.4470, -8.1084, -12.6700

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.



21.9930, 0.4965, -19.2879



26.5530, 8.1084, 12.6700



23.6010, -11.6353, -1.4041

Square

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



26.5530, 8.1084, 12.6700



24.6190, -12.1372, 19.6281



18.8980, -8.8237, -16.5735



24.4840, 12.5794, -21.4725

Rectangle

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



26.5530, 8.1084, 12.6700



24.1710, -2.5493, 24.4060



18.8980, -8.8237, -16.5735



23.1330, 4.8644, -20.2876

Sweetspot

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



26.5530, 8.1084, 12.6700



49.2440, 3.3307, 5.0480



20.2520, 11.2148, -3.7290



24.4780, 1.7363, 3.0888



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



26.5530, 8.1084, 12.6700



30.4490, 12.5966, 19.7772



25.8970, 3.0088, 14.9993



18.8260, 0.5788, 1.0296



32.8980, 25.1933, 39.5545



82.7720, 63.7094, 99.3010

Inverse Universe

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



24.3010, -3.1064, 16.3990



26.9000, -4.8807, 25.5207



33.1030, -3.0088, -14.9993



18.7120, 0.1420, 1.1296



25.8000, -9.7614, 51.0414



65.2120, -24.2615, 128.7331

Previews

White Background



This preview shows how the YUV color 26.5530, 8.1084, 12.6700 looks on a white background.

Color Contrast Check

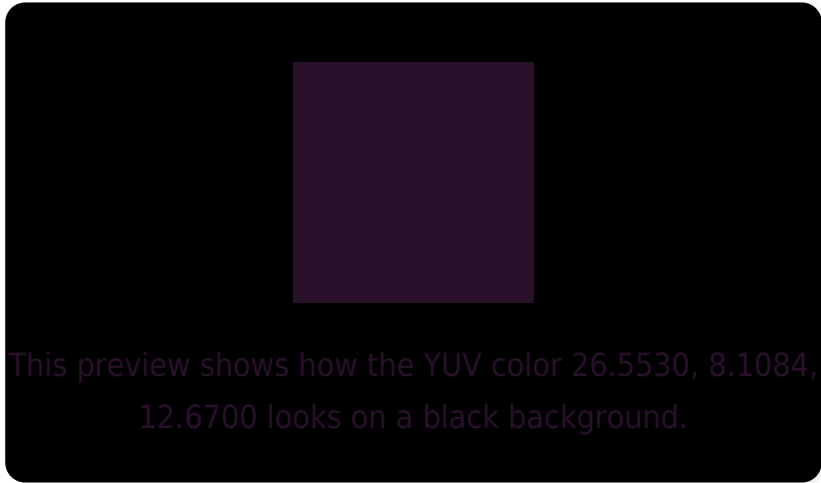
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.5530, 8.1084, 12.6700

Background



This preview shows how black text looks on a background with the YUV color 26.5530, 8.1084, 12.6700.



This preview shows how white text looks on a background with the YUV color 26.5530, 8.1084,

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

26.5530, 8.1084, 12.6700

Protanopia

24.4790, 13.5679, -11.8211

Deuteranopia

26.5030, 7.1470, -5.7031



Tritanopia

27.1970, -2.0691, 10.3512

Trichromacy



Original Color

26.5530, 8.1084, 12.6700

Protanomaly

25.0780, 11.7935, -2.6994

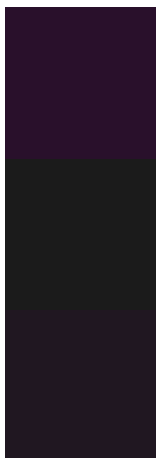
Deuteranomaly

26.6610, 7.5621, 1.1743

Tritanomaly

27.1200, 1.4198, 11.2958

Monochromacy



Original Color

26.5530, 8.1084, 12.6700

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8310, 3.0413, 4.5332

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5530, 8.1084, 12.6700 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(41, 16, 43)` looks like.

```
.text, #text, p{  
    color:rgb(41, 16, 43)  
}
```

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(41, 16, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 16, 43) }
```

Border

The CSS property to change the border of an element to YUV 26.5530, 8.1084, 12.6700 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(41, 16, 43) }
```


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

```
.border{ border-color:rgb(41, 16, 43) }
```

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

Here you see how a box with a 4 pixel rgb(41, 16, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 16, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 16, 43);  
box-shadow:4px 4px 4px 4px rgb(41, 16, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.5530, 8.1084, 12.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 16, 43) }
```

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

```
.background{ background-color: rgb(41, 16,  
43) }
```

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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