

Converting Colors

YUV(26.2560, 22.0588, 18.1925)

Have a look what the booklet for
YUV(26.2560, 22.0588, 18.1925)
contains.

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Color

**YUV(26.2560, 22.0588,
18.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0747
RGB	47, 7, 71
RGB Percent	18%, 3%, 28%
CMY	0.8157, 0.9725, 0.7216
CMYK	0.34, 0.90, 0.00, 0.72
HSL	278°, 82%, 15%
HSV	278°, 90%, 28%
XYZ	2.3856, 1.2112, 6.0693
YIQ	26.2560, 3.2960, 28.3840

Conversions

Conversions Part 2

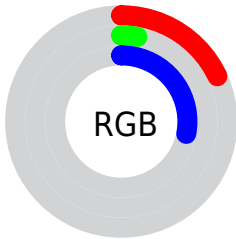
Format	Color
RYB	47, 7, 71
Decimal	3082055
CIELab	10.64, 31.57, -30.47
CIElCh	11, 43.872, 316.014
Yxy	1.2112, 0.2468, 0.1253
Android (android.graphics.Color)	4281272135 (0xFF2F0747)
YUV	26.2560, 22.0588, 18.1925
Hunter-Lab	11.0056, 19.4324, -24.9930

Details

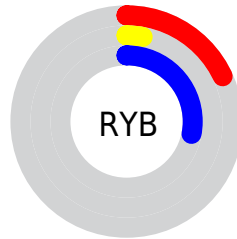
The YUV color **26.2560, 22.0588, 18.1925** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **51.7440, -22.0588, -18.1925**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0820, 22.6376, 19.2221**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **21.2500, 24.5267, 19.9518**, and if you desaturate by 10%, it is **31.2620, 19.5908, 16.4332**.

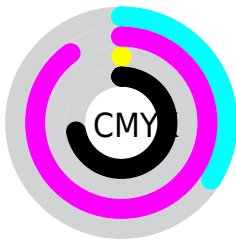
Distribution



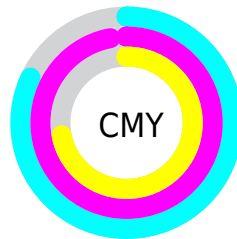
- Red (18%)
- Green (3%)
- Blue (28%)



- Red (18%)
- Yellow (3%)
- Blue (28%)



- Cyan (34%)
- Magenta (90%)
- Yellow (0%)
- Black (72%)



- Cyan (82%)
- Magenta (97%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.2560, 22.0588, 18.1925 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 26.2560, 22.0588, 18.1925 by changing the saturation by 10% instead.

■ 26.2560, 22.0588,
18.1925

■ 26.2560, 22.0588,
18.1925

■ 245.0210, 4.9196,
8.7516

■ 14.1430, 16.6915,
13.0296

■ 74.0820, 22.6376,
19.2221

■ 3.5510, 11.0674,
-3.1142

■ 98.9080, 23.2164,
20.2517

■ 0.0000, 0.0000,
0.0000


■ 124.7340, 23.7951,
21.2813


■ 150.5600, 24.3739,
22.3109


■ 177.5000, 25.3895,
23.2405

■ 204.6850, 24.8053,


23.9553


 227.9980, 13.3120,
23.6808


 26.2560, 22.0588,
18.1925


 26.2560, 22.0588,
18.1925


 21.2500, 24.5267,
19.9518

 31.2620, 19.5908,
16.4332

 35.9690, 17.2703,
14.0592

 40.9750, 14.8023,
12.2999

 45.9810, 12.3344,
10.5407

 51.2750, 9.7244,
7.6518

■ 56.2810, 7.2565,
5.8926

■ 61.2870, 4.7885,
4.1333

■ 65.9940, 2.4680,
1.7593

■ 71.0000, 0.0000,
0.0000

Harmonies

Analogous

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



26.4680, 30.3353, -23.2124



26.2560, 22.0588, 18.1925



26.5440, 8.6058, 39.8649

Triad

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



26.2560, 22.0588, 18.1925



27.2660, -13.4421, 18.1837



29.6700, 7.0647, -26.0206

Complementary

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



26.2560, 22.0588, 18.1925



51.7440, -22.0588, -18.1925

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.



25.3210, -7.0603, -22.2065



26.2560, 22.0588, 18.1925



25.3620, -12.5035, -2.9485

Square

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



26.2560, 22.0588, 18.1925



20.0330, -9.8763, 41.1901



22.3060, -10.9969, -19.5624



32.2750, 19.5844, -28.3052

Rectangle

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



26.2560, 22.0588, 18.1925



25.7590, -0.8672, 44.9384



22.3060, -10.9969, -19.5624



28.5300, 2.6967, -25.0208

Sweetspot

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



26.2560, 22.0588, 18.1925



74.6340, 8.5614, 7.3370



28.9710, 20.7203, -19.2686



35.4010, 5.2253, 4.0333



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



26.2560, 22.0588, 18.1925



27.5310, 31.7832, 25.8443



32.6340, 15.4634, 33.6470



33.0540, 1.4524, 0.8296



29.8240, 34.1038, 28.2184



68.3360, 78.2214, 64.6033

Inverse Universe

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



28.8720, 1.0491, 36.9463



31.3840, 1.2897, 53.1602



45.3660, -15.4634, -33.6470



33.3100, -0.1528, 2.3591



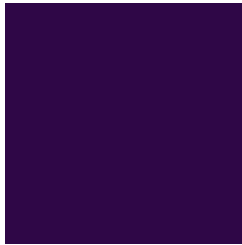
33.8190, 1.5682, 57.1637



77.5630, 3.6664, 131.0562

Previews

White Background



This preview shows how the YUV color 26.2560, 22.0588, 18.1925 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 26.2560, 22.0588, 18.1925

Background



This preview shows how black text looks on a background with the YUV color 26.2560, 22.0588, 18.1925.



This preview shows how white text looks on a background with the YUV color 26.2560, 22.0588,

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

26.2560, 22.0588, 18.1925

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

25.0540, 14.7634, -21.9724



Tritanopia

31.8160, -0.8953, 7.1774

Trichromacy



Original Color

26.2560, 22.0588, 18.1925

Protanomaly

25.6350, 20.3929, -7.5729

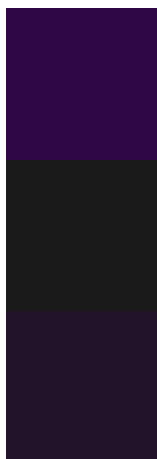
Deuteranomaly

25.5380, 17.4828, -7.4878

Tritanomaly

29.7270, 7.5296, 11.6404

Monochromacy



Original Color

26.2560, 22.0588, 18.1925

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.2560, 22.0588, 18.1925 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(47, 7, 71)` looks like.

```
.text, #text, p{  
    color:rgb(47, 7, 71)  
}
```

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(47, 7, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 7, 71) }
```

Border

The CSS property to change the border of an element to YUV 26.2560, 22.0588, 18.1925 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(47, 7, 71) }
```


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

```
.border{ border-color:rgb(47, 7, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 7, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 7, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 7, 71); box-shadow:4px  
4px 4px 4px rgb(47, 7, 71) }
```

Background

The CSS property to change the background color of an element to YUV 26.2560, 22.0588, 18.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 7, 71) }
```

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

```
.background{ background-color: rgb(47, 7,  
71) }
```

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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