

Converting Colors

YUV(87.1670, -26.7043,
25.2865)

Have a look what the booklet for
YUV(87.1670, -26.7043, 25.2865)
contains.

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Color

**YUV(87.1670, -26.7043,
25.2865)**

Conversions

Conversions Part 1

Format	Color
Hex	745321
RGB	116, 83, 33
RGB Percent	45%, 33%, 13%
CMY	0.5451, 0.6745, 0.8706
CMYK	0.00, 0.28, 0.72, 0.55
HSL	36°, 56%, 29%
HSV	36°, 72%, 45%
XYZ	10.5702, 10.0093, 2.8137
YIQ	87.1670, 35.7180, -8.5540

Conversions

Conversions Part 2

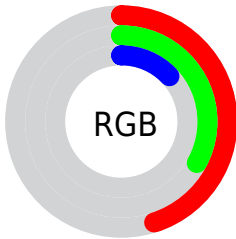
Format	Color
R_{YB}	88, 116, 33
Decimal	7623457
CIE Lab	37.86, 8.30, 33.73
CIE LCh	38, 34.736, 76.184
Yxy	10.0093, 0.4518, 0.4279
Android (android.graphics.Color)	4285813537 (0xFF745321)
YUV	87.1670, -26.7043, 25.2865
Hunter-Lab	31.6375, 4.2720, 16.8732

Details

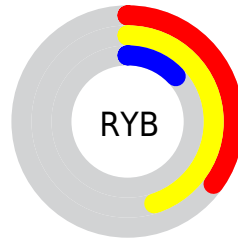
The YUV color **87.1670, -26.7043, 25.2865** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.8330, 26.7043, -25.2865**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7330, -28.4624, 29.1752**, and **41.7410, -20.5783, 20.3981** is the 20% darker color. If you saturate the color by 10%, you get **82.8640, -30.4990, 29.0603**, and if you desaturate by 10%, it is **91.4700, -22.9097, 21.5128**.

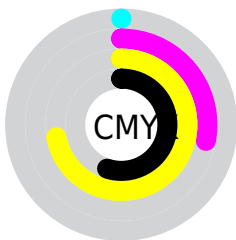
Distribution



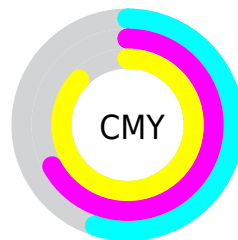
- Red (45%)
- Green (33%)
- Blue (13%)



- Red (35%)
- Yellow (45%)
- Blue (13%)



- Cyan (0%)
- Magenta (28%)
- Yellow (72%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1670, -26.7043, 25.2865 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 87.1670, -26.7043, 25.2865 by changing the saturation by 10% instead.

87.1670, -26.7043,
25.2865

87.1670, -26.7043,
25.2865

255.0000, 0.0000,
0.0000

63.1560, -26.6989,
23.5422

137.7330,
-28.4624, 29.1752

41.7410, -20.5783,
20.3981

164.2170,
-29.1940, 30.5047

22.2270, -10.9579,
14.7099

191.5870,
-30.3624, 31.9342

0.0000, 0.0000,
0.0000

219.1740,
-30.6518, 31.4194

238.6880,
-26.9612, 14.3056

250.0980,

-18.7823, 4.2991

■ 253.2900, -6.5520,
1.4997

■ 87.1670, -26.7043,
25.2865

■ 87.1670, -26.7043,
25.2865

■ 82.8640, -30.4990,
29.0603

■ 91.4700, -22.9097,
21.5128

■ 79.2620, -34.1462,
32.2192

■ 95.0720, -19.2625,
18.3539

■ 75.7740, -37.3566,
35.2782

■ 99.3750, -15.4679,
14.5801

■ 102.9770,
-11.8207, 11.4212

■ 107.2800, -8.0260,
7.6474

■ 111.5830, -4.2314,
3.8737

■ 115.1850, -0.5842,
0.7148

■ 119.4880, 3.2104,
-3.0590

■ 123.6770, 6.5682,
-6.7327

Harmonies

Analogous

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



88.0300, -18.7488, 40.3157



87.1670, -26.7043, 25.2865



84.5620, -25.9131, 4.7691

Triad

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



87.1670, -26.7043, 25.2865



72.3170, 15.6197, -63.4220



92.0940, 17.7017, 15.7036

Complementary

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



87.1670, -26.7043, 25.2865



61.8330, 26.7043, -25.2865

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.



87.7030, 27.2614, -17.2795



87.1670, -26.7043, 25.2865



73.9930, 27.1185, -64.8919

Square

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



87.1670, -26.7043, 25.2865



68.4240, 3.2420, -60.0078



72.6540, 34.6806, -63.7176



90.5500, 6.1379, 38.1057

Rectangle

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



87.1670, -26.7043, 25.2865



82.6570, -20.0439, -11.1002



72.6540, 34.6806, -63.7176



91.3640, 21.5125, 6.6968

Sweetspot

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



87.1670, -26.7043, 25.2865



139.4220, -10.0680, 9.2769



61.5790, 2.1796, 47.7272



70.0240, -6.4208, 6.1180



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



87.1670, -26.7043, 25.2865



105.3570, -41.5880, 39.1519



104.1460, -35.0750, 3.3800



56.5550, -1.7526, 2.1443



79.9160, -39.3986, 36.9077



163.3870, -80.5498, 75.9596

Inverse Universe

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



61.8330, 26.7043, -25.2865



66.2300, 41.2986, -39.6667



44.8540, 35.0750, -3.3800



54.8580, 2.0420, -1.6295



42.6710, 39.1092, -37.4225



86.6130, 80.5498, -75.9596

Previews

White Background



This preview shows how the YUV color 87.1670, -26.7043, 25.2865 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



This preview shows how the YUV color 87.1670, -26.7043, 25.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

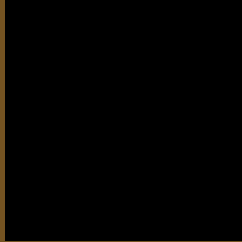
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.1670, -26.7043, 25.2865

Background



This preview shows how black text looks on a background with the YUV color 87.1670, -26.7043, 25.2865.



This preview shows how white text looks on a background with the YUV color 87.1670, -26.7043,

25.2865.

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

87.1670, -26.7043, 25.2865

Protanopia

86.7200, -25.4980, 11.6466

Deuteranopia

87.0310, -27.1303, 21.8978



Tritanopia

90.9430, -3.4229, 24.6060

Trichromacy



Original Color

87.1670, -26.7043, 25.2865

Protanomaly

86.6390, -25.9510, 16.9796

Deuteranomaly

86.7430, -26.9883, 23.0274

Tritanomaly

89.6520, -12.1534, 24.8612

Monochromacy



Original Color

87.1670, -26.7043, 25.2865

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.4220, -10.0680, 9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1670, -26.7043, 25.2865 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(116, 83, 33)` looks like.

```
.text, #text, p{  
    color:rgb(116, 83, 33)  
}
```

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(116, 83, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 83, 33) }
```

Border

The CSS property to change the border of an element to YUV 87.1670, -26.7043, 25.2865 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(116, 83, 33) }
```


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

```
.border{ border-color:rgb(116, 83, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 83, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 83, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 83, 33);  
box-shadow:4px 4px 4px 4px rgb(116, 83,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 87.1670, -26.7043, 25.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 83, 33) }
```

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

```
.background{ background-color: rgb(116, 83,  
33) }
```

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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