

Converting Colors

YUV(83.1270, -19.2896,
27.0756)

Have a look what the booklet for
YUV(83.1270, -19.2896, 27.0756)
contains.

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Color

**YUV(83.1270, -19.2896,
27.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	724B2C
RGB	114, 75, 44
RGB Percent	45%, 29%, 17%
CMY	0.5529, 0.7059, 0.8275
CMYK	0.00, 0.34, 0.61, 0.55
HSL	27°, 44%, 31%
HSV	27°, 61%, 45%
XYZ	9.9101, 8.7914, 3.5575
YIQ	83.1270, 33.1950, -1.3730

Conversions

Conversions Part 2

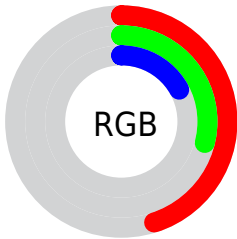
Format	Color
R_{YB}	114, 100, 44
Decimal	7490348
CIE _{Lab}	35.58, 13.01, 24.99
CIE _{LCh}	36, 28.175, 62.505
Yxy	8.7914, 0.4452, 0.3950
Android (android.graphics.Color)	4285680428 (0xFF724B2C)
YUV	83.1270, -19.2896, 27.0756
Hunter-Lab	29.6503, 7.7726, 13.6416

Details

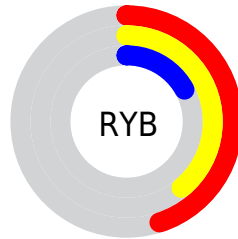
The YUV color **83.1270, -19.2896, 27.0756** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **74.8730, 19.2896, -27.0756**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2800, -21.3370, 30.4494**, and **37.0340, -18.2578, 22.7722** is the 20% darker color. If you saturate the color by 10%, you get **78.3510, -22.3580, 31.2642**, and if you desaturate by 10%, it is **87.9030, -16.2212, 22.8871**.

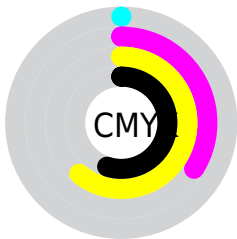
Distribution



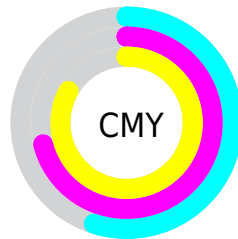
- Red (45%)
- Green (29%)
- Blue (17%)



- Red (45%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (34%)
- Yellow (61%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1270, -19.2896, 27.0756 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 83.1270, -19.2896, 27.0756 by changing the saturation by 10% instead.

83.1270, -19.2896,
27.0756

83.1270, -19.2896,
27.0756

255.0000, 0.0000,
0.0000

59.3440, -18.4106,
25.1313

133.2800,
-21.3370, 30.4494

37.0340, -18.2578,
22.7722

159.7640,
-22.0687, 31.7790

16.9440, -8.3534,
19.3431

186.6610,
-22.5109, 33.6233

0.0000, 0.0000,
0.0000

215.0310,
-23.6793, 35.0528

234.6590,
-19.5519, 17.8391

251.3520,

-13.9775, 3.1993

254.5440, -1.7472,
0.3999

■ 83.1270, -19.2896,
27.0756

■ 83.1270, -19.2896,
27.0756

■ 78.3510, -22.3580,
31.2642

■ 87.9030, -16.2212,
22.8871

■ 72.8740, -25.5739,
36.0675

■ 93.3800, -13.0053,
18.0837

■ 68.0980, -28.6423,
40.2561

■ 98.1560, -9.9369,
13.8952

■ 63.4360, -31.2739,
44.3446

■ 103.0460, -6.4317,
9.6067

■ 108.4090, -3.6526,
4.9033

■ 113.1850, -0.5842,
0.7148

■ 118.0750, 2.9210,
-3.5738

■ 123.4380, 5.7001,
-8.2771

■ 128.3280, 9.2053,
-12.5657

Harmonies

Analogous

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



84.2450, -11.4598, 35.7421



83.1270, -19.2896, 27.0756



81.7570, -21.5722, 12.4911

Triad

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



83.1270, -19.2896, 27.0756



65.4550, 9.6357, -57.4040



85.4190, 18.0344, 2.2635

Complementary

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



83.1270, -19.2896, 27.0756



74.8730, 19.2896, -27.0756

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.



79.1380, 24.0890, -26.4310



83.1270, -19.2896, 27.0756



67.9630, 19.2452, -59.6036

Square

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



83.1270, -19.2896, 27.0756



75.1030, -6.4598, -28.1543



67.4390, 27.3916, -59.1440



86.2600, 9.2388, 23.4510

Rectangle

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



83.1270, -19.2896, 27.0756



80.2500, -19.3502, -0.2193



67.4390, 27.3916, -59.1440



84.2330, 20.0981, -6.3433

Sweetspot

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



83.1270, -19.2896, 27.0756



136.1170, -7.4527, 10.4214



69.4900, 7.1534, 39.0353



66.8930, -4.3842, 6.2328



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



83.1270, -19.2896, 27.0756



99.6530, -30.3949, 42.4003



103.0850, -29.1289, 9.5725



53.5550, -1.7526, 2.1443



66.9910, -33.0266, 46.4889



138.4230, -68.2425, 95.2220

Inverse Universe

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



74.8730, 19.2896, -27.0756



86.3470, 30.3949, -42.4003



54.9150, 29.1289, -9.5725



53.0320, 1.4632, -2.6591



53.0090, 33.0266, -46.4889



109.1640, 67.9531, -95.7368

Previews

White Background



This preview shows how the YUV color 83.1270, -19.2896, 27.0756 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 83.1270, -19.2896, 27.0756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

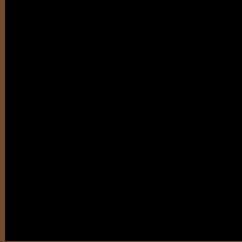
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1270, -19.2896, 27.0756

Background



This preview shows how black text looks on a background with the YUV color 83.1270, -19.2896, 27.0756.



This preview shows how white text looks on a background with the YUV color 83.1270, -19.2896,

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

83.1270, -19.2896, 27.0756

Protanopia

82.1740, -17.3408, 8.6174

Deuteranopia

82.6590, -19.5519, 17.8391



Tritanopia

85.0250, -4.4493, 27.1651

Trichromacy



Original Color

83.1270, -19.2896, 27.0756

Protanomaly

82.6910, -18.0887, 15.1800

Deuteranomaly

82.6810, -19.5627, 21.3278

Tritanomaly

83.9450, -9.8329, 27.2352

Monochromacy



Original Color

83.1270, -19.2896, 27.0756

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9320, -6.8685, 9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1270, -19.2896, 27.0756 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(114, 75, 44)` looks like.

```
.text, #text, p{  
    color:rgb(114, 75, 44)  
}
```

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(114, 75, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 75, 44) }
```

Border

The CSS property to change the border of an element to YUV 83.1270, -19.2896, 27.0756 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(114, 75, 44) }
```


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

```
.border{ border-color:rgb(114, 75, 44) }
```

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

Here you see how a box with a 4 pixel rgb(114, 75, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 75, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 75, 44);  
box-shadow:4px 4px 4px 4px rgb(114, 75,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 83.1270, -19.2896, 27.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 75, 44) }
```

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

```
.background{ background-color: rgb(114, 75,  
44) }
```

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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