

Converting Colors

YUV(82.9960, -17.2530,
27.1905)

Have a look what the booklet for
YUV(82.9960, -17.2530, 27.1905)
contains.

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Color

**YUV(82.9960, -17.2530,
27.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	724A30
RGB	114, 74, 48
RGB Percent	45%, 29%, 19%
CMY	0.5529, 0.7098, 0.8118
CMYK	0.00, 0.35, 0.58, 0.55
HSL	24°, 41%, 32%
HSV	24°, 58%, 45%
XYZ	9.9217, 8.6884, 3.9504
YIQ	82.9960, 32.1860, 0.3940

Conversions

Conversions Part 2

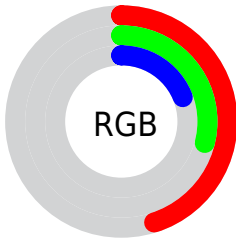
Format	Color
R_{YB}	114, 91, 48
Decimal	7490096
CIE Lab	35.38, 13.97, 22.37
CIE LCh	35, 26.376, 58.014
Yxy	8.6884, 0.4398, 0.3851
Android (android.graphics.Color)	4285680176 (0xFF724A30)
YUV	82.9960, -17.2530, 27.1905
Hunter-Lab	29.4760, 8.5005, 12.6871

Details

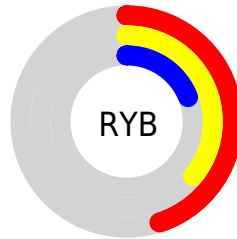
The YUV color **82.9960, -17.2530, 27.1905** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.0040, 17.2530, -27.1905**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2630, -18.8637, 30.4643**, and **36.5610, -17.5316, 23.1870** is the 20% darker color. If you saturate the color by 10%, you get **77.6330, -20.0321, 31.8939**, and if you desaturate by 10%, it is **88.3590, -14.4740, 22.4872**.

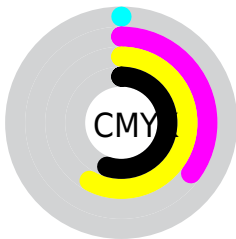
Distribution



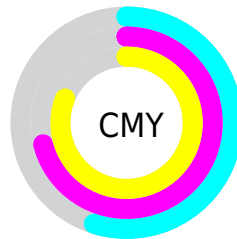
- Red (45%)
- Green (29%)
- Blue (19%)



- Red (45%)
- Yellow (36%)
- Blue (19%)



- Cyan (0%)
- Magenta (35%)
- Yellow (58%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9960, -17.2530, 27.1905 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 82.9960, -17.2530, 27.1905 by changing the saturation by 10% instead.

■ 82.9960, -17.2530,
27.1905

■ 82.9960, -17.2530,
27.1905

■ 255.0000, 0.0000,
0.0000

■ 59.3270, -15.9372,
25.1462

■ 133.2630,
-18.8637, 30.4643

■ 36.5610, -17.5316,
23.1870

■ 159.6330,
-20.0321, 31.8939

■ 16.3570, -8.0640,
19.8579

■ 186.5300,
-20.4743, 33.7382

■ 0.0000, 0.0000,
0.0000

■ 214.7150,
-21.0585, 34.4529

■ 234.5280,
-17.5153, 17.9539

■ 251.8080,

-12.2303, 2.7994

■ 82.9960, -17.2530,
27.1905

■ 82.9960, -17.2530,
27.1905

■ 77.6330, -20.0321,
31.8939

■ 88.3590, -14.4740,
22.4872

■ 72.1560, -23.2479,
36.6972

■ 93.8360, -11.2581,
17.6838

■ 66.7930, -26.0269,
41.4005

■ 99.1990, -8.4791,
12.9805

■ 61.3160, -29.2428,
46.2039

■ 104.6760, -5.2633,
8.1771

■ 60.5010, -29.8270,
46.9186

■ 110.0390, -2.4842,
3.4738

■ 114.8150, 0.5842,
-0.7148

■ 120.2920, 3.8000,
-5.5181

■ 125.6550, 6.5791,
-10.2214

■ 131.1320, 9.7949,
-15.0248

Harmonies

Analogous

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



84.1030, -9.4178, 34.1127



82.9960, -17.2530, 27.1905



81.9960, -20.7040, 14.0355

Triad

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



82.9960, -17.2530, 27.1905



68.0000, 6.4090, -49.1120



84.2830, 17.6085, -1.1252

Complementary

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



82.9960, -17.2530, 27.1905



79.0040, 17.2530, -27.1905

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.



78.4860, 22.9314, -28.4902



82.9960, -17.2530, 27.1905



66.8060, 17.3506, -58.5889

Square

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



82.9960, -17.2530, 27.1905



76.0930, -7.9338, -22.0066



66.8690, 25.2076, -58.6441



86.0530, 9.8339, 19.2475

Rectangle

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



82.9960, -17.2530, 27.1905



80.3860, -18.9243, 3.1695



66.8690, 25.2076, -58.6441



83.0970, 19.6722, -9.7321

Sweetspot

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



82.9960, -17.2530, 27.1905



136.3450, -6.5791, 10.2214



72.4080, 8.1799, 36.4762



67.0070, -3.9475, 6.1329



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.



82.9960, -17.2530, 27.1905



99.9780, -26.6112, 42.1153



101.7800, -26.5135, 10.7169



53.5550, -1.7526, 2.1443



63.4690, -31.2902, 49.5777



130.7920, -64.4805, 101.9144

Inverse Universe

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



79.0040, 17.2530, -27.1905



94.0220, 26.6112, -42.1153



60.2200, 26.5135, -10.7169



53.0320, 1.4632, -2.6591



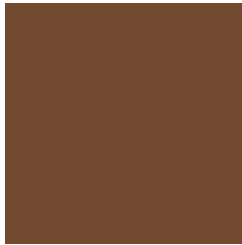
56.5310, 31.2902, -49.5777



116.2080, 64.4805, -101.9144

Previews

White Background



This preview shows how the YUV color 82.9960, -17.2530, 27.1905 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 82.9960, -17.2530, 27.1905 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 82.9960, -17.2530, 27.1905

Background



This preview shows how black text looks on a background with the YUV color 82.9960, -17.2530, 27.1905.



This preview shows how white text looks on a background with the YUV color 82.9960, -17.2530,

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

82.9960, -17.2530, 27.1905

Protanopia

82.4450, -15.0094, 7.5027

Deuteranopia

82.8160, -17.6573, 16.8244



Tritanopia

85.0250, -4.4493, 27.1651

Trichromacy



Original Color

82.9960, -17.2530, 27.1905

Protanomaly

82.3750, -15.4679, 14.5801

Deuteranomaly

82.8380, -17.6681, 20.3131

Tritanomaly

84.1730, -8.9593, 27.0353

Monochromacy



Original Color

82.9960, -17.2530, 27.1905

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0460, -6.4317, 9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9960, -17.2530, 27.1905 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, 74, 48)` looks like.

```
.text, #text, p{  
    color:rgb(114, 74, 48)  
}
```

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, 74, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 74, 48) }
```

Border

The CSS property to change the border of an element to YUV 82.9960, -17.2530, 27.1905 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, 74, 48) }
```


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

```
.border{ border-color:rgb(114, 74, 48) }
```

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

Here you see how a box with a 4 pixel rgb(114, 74, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 74, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 74, 48);  
box-shadow:4px 4px 4px 4px rgb(114, 74,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 82.9960, -17.2530, 27.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 74, 48) }
```

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

```
.background{ background-color: rgb(114, 74,  
48) }
```

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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