

Converting Colors

YUV(86.6500, -5.7434, 22.2320)

Have a look what the booklet for
YUV(86.6500, -5.7434, 22.2320)
contains.

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Color

**YUV(86.6500, -5.7434,
22.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	704C4B
RGB	112, 76, 75
RGB Percent	44%, 30%, 29%
CMY	0.5608, 0.7020, 0.7059
CMYK	0.00, 0.32, 0.33, 0.56
HSL	2°, 20%, 37%
HSV	2°, 33%, 44%
XYZ	10.5365, 9.1216, 7.8619
YIQ	86.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

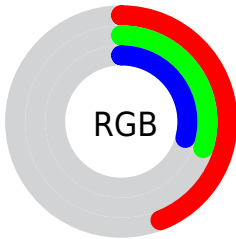
Format	Color
R_{YB}	112, 76, 75
Decimal	7359563
CIE _{Lab}	36.22, 15.12, 6.75
CIE _{LCh}	36, 16.553, 24.056
Yxy	9.1216, 0.3829, 0.3315
Android (android.graphics.Color)	4285549643 (0xFF704C4B)
YUV	86.6500, -5.7434, 22.2320
Hunter-Lab	30.2020, 9.4194, 5.7076

Details

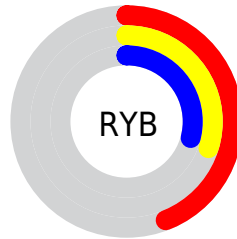
The YUV color **86.6500, -5.7434, 22.2320** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.3500, 5.7435, -22.2319**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8460, -6.3331, 24.6911**, and **40.5680, -4.7170, 19.6729** is the 20% darker color. If you saturate the color by 10%, you get **78.9390, -7.3649, 28.9945**, and if you desaturate by 10%, it is **94.3610, -4.1220, 15.4694**.

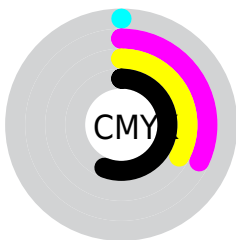
Distribution



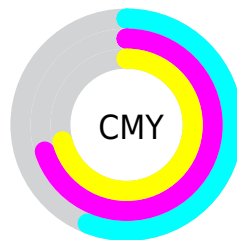
- Red (44%)
- Green (30%)
- Blue (29%)



- Red (44%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (32%)
- Yellow (33%)
- Black (56%)



- Cyan (56%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6500, -5.7434, 22.2320 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 86.6500, -5.7434, 22.2320 by changing the saturation by 10% instead.

■ 86.6500, -5.7434,
22.2320

■ 86.6500, -5.7434,
22.2320

■ 255.0000, 0.0000,
0.0000

■ 63.0520, -5.4486,
21.0024

■ 136.8460, -6.3331,
24.6911

■ 40.5680, -4.7170,
19.6729

■ 163.0310, -6.9173,
25.4058

■ 18.6280, -5.7326,
18.7432

■ 190.3300, -7.0647,
26.0206

■ 0.0000, 0.0000,
0.0000

■ 218.0420, -6.9227,
27.1502

■ 240.0510, -3.9691,
13.1103

■ 86.6500, -5.7434,
22.2320

■ 86.6500, -5.7434,
22.2320

■ 78.9390, -7.3649,
28.9945

■ 94.3610, -4.1220,
15.4694

■ 71.2280, -8.9864,
35.7570

■ 102.0720, -2.5005,
8.7069

■ 63.4030, -11.0447,
42.6196

■ 109.8970, -0.4422,
1.8443

■ 55.6920, -12.6662,
49.3821

■ 117.6080, 1.1793,
-4.9182

■ 48.5680, -14.5770,
55.6299

■ 124.7320, 3.0901,
-11.1660

■ 40.8570, -16.1985,
62.3924

■ 132.4430, 4.7116,
-17.9285

■ 35.2490, -17.3778,
67.3106

■ 140.1540, 6.3331,
-24.6911

■ 147.9790, 8.3914,

-31.5536

■ 155.6900, 10.0128,
-38.3161

Harmonies

Analogous

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



87.5340, 0.2297, 19.7027



86.6500, -5.7434, 22.2320



85.6620, -10.6794, 18.7134

Triad

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



86.6500, -5.7434, 22.2320



81.6150, -6.2192, -11.9404



83.1580, 13.7261, -15.9246

Complementary

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



86.6500, -5.7434, 22.2320



100.3500, 5.7435, -22.2319

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.



80.1520, 12.7431, -27.3203



86.6500, -5.7434, 22.2320



79.4980, 1.2335, -22.3617

Square

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



86.6500, -5.7434, 22.2320



83.7260, -11.2039, 0.2403



78.4030, 8.6753, -29.2944



86.2630, 11.2093, -1.9847

Rectangle

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



86.6500, -5.7434, 22.2320



85.1730, -12.4103, 13.8803



78.4030, 8.6753, -29.2944



82.4240, 13.5950, -20.5428

Sweetspot

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



86.6500, -5.7434, 22.2320



135.1860, -2.0637, 8.6069



90.1670, 10.2707, 19.1475



67.6910, -1.3267, 5.5330



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.



86.6500, -5.7434, 22.2320



105.5160, -9.1284, 34.6275



97.2160, -10.9525, 12.9656



52.3810, -1.1738, 3.1739



37.6410, -18.5570, 72.2288



77.9620, -38.4353, 148.2463

Inverse Universe

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



100.3500, 5.7435, -22.2319



127.0710, 8.8390, -35.1423



89.7840, 10.9525, -12.9656



54.2060, 0.8844, -3.6887



82.3590, 18.5570, -72.2288



169.6250, 38.1459, -148.7611

Previews

White Background



This preview shows how the YUV color 86.6500, -5.7434, 22.2320 looks on a white background.

Color Contrast Check

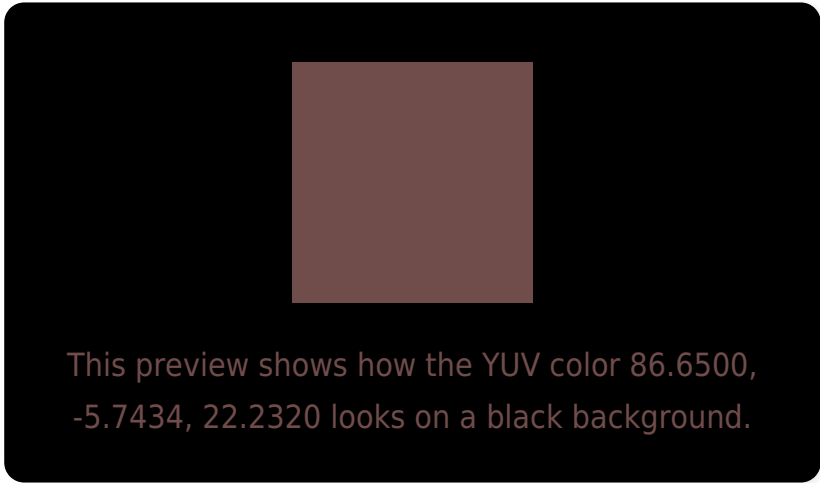
Large Text (above 18pt) WCAG AA ✓ Pass

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

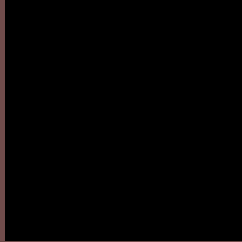
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6500, -5.7434, 22.2320

Background



This preview shows how black text looks on a background with the YUV color 86.6500, -5.7434, 22.2320.



This preview shows how white text looks on a background with the YUV color 86.6500, -5.7434,

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

86.6500, -5.7434, 22.2320

Protanopia

85.3270, -2.6262, 2.3442

Deuteranopia

85.8720, -5.8529, 10.6363



Tritanopia

87.0460, -2.9807, 22.7617

Trichromacy



Original Color

86.6500, -5.7434, 22.2320

Protanomaly

86.0290, -3.9583, 9.6216

Deuteranomaly

86.1930, -6.0111, 14.7397

Tritanomaly

86.8180, -3.8543, 22.9616

Monochromacy



Original Color

86.6500, -5.7434, 22.2320

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6500, -5.7434, 22.2320 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(112, 76, 75)` looks like.

```
.text, #text, p{  
    color:rgb(112, 76, 75)  
}
```

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(112, 76, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 76, 75) }
```

Border

The CSS property to change the border of an element to YUV 86.6500, -5.7434, 22.2320 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(112, 76, 75) }
```


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

```
.border{ border-color:rgb(112, 76, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 76, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 76, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 76, 75);  
box-shadow:4px 4px 4px 4px rgb(112, 76,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 86.6500, -5.7434, 22.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 76, 75) }
```

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

```
.background{ background-color: rgb(112, 76,  
75) }
```

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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