

Converting Colors

YUV(85.1180, -22.2432,
41.1155)

Have a look what the booklet for
YUV(85.1180, -22.2432, 41.1155)
contains.

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Color

**YUV(85.1180, -22.2432,
41.1155)**

Conversions

Conversions Part 1

Format	Color
Hex	844628
RGB	132, 70, 40
RGB Percent	52%, 27%, 16%
CMY	0.4824, 0.7255, 0.8431
CMYK	0.00, 0.47, 0.70, 0.48
HSL	20°, 53%, 34%
HSV	20°, 70%, 52%
XYZ	12.0889, 9.4391, 3.1922
YIQ	85.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

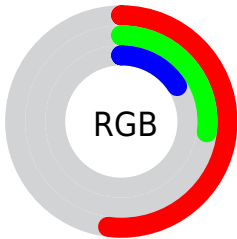
Format	Color
R_{YB}	132, 85, 40
Decimal	8668712
CIE _{Lab}	36.82, 23.79, 29.39
CIE _{LCh}	37, 37.816, 51.008
Yxy	9.4391, 0.4890, 0.3818
Android (android.graphics.Color)	4286858792 (0xFF844628)
YUV	85.1180, -22.2432, 41.1155
Hunter-Lab	30.7230, 16.4707, 15.3457

Details

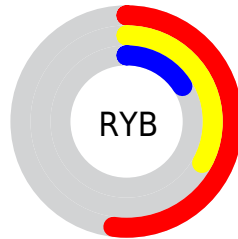
The YUV color **85.1180, -22.2432, 41.1155** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **86.8820, 22.2432, -41.1155**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1680, -24.7328, 46.3337**, and **37.4100, -18.4431, 35.5974** is the 20% darker color. If you saturate the color by 10%, you get **78.3530, -25.3170, 47.0484**, and if you desaturate by 10%, it is **91.8830, -19.1693, 35.1826**.

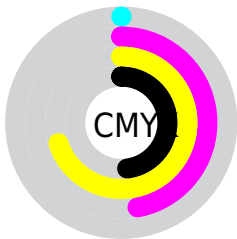
Distribution



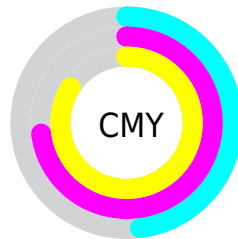
- Red (52%)
- Green (27%)
- Blue (16%)



- Red (52%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (70%)
- Black (48%)





- Cyan (48%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.1180, -22.2432, 41.1155 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 85.1180, -22.2432, 41.1155 by changing the saturation by 10% instead.


 85.1180, -22.2432,
41.1155


 85.1180, -22.2432,
41.1155


255.0000, 0.0000,
0.0000

 60.7370, -21.0693,
37.9417


 136.1680,
-24.7328, 46.3337


 37.4100, -18.4431,
35.5974

 162.9510,
-25.6118, 48.2780


 16.4230, -8.0965,
30.3240

 190.7340,
-26.4909, 50.2223

 6.5780, -3.2430,
13.5251

 211.6400,
-23.9795, 38.0267

 0.0000, 0.0000,
0.0000

 231.7410,
-20.5783, 20.3981

 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,
0.7998

85.1180, -22.2432,
41.1155

85.1180, -22.2432,
41.1155

78.3530, -25.3170,
47.0484

91.8830, -19.1693,
35.1826

71.5880, -28.3909,
52.9813

98.6480, -16.0955,
29.2497

64.7090, -31.9015,
59.0142

105.5270,
-12.5848, 23.2168

112.2920, -9.5110,
17.2839

118.4700, -6.1477,
11.8658

■ 125.2350, -3.0739,
5.9329

■ 132.0000, 0.0000,
0.0000

■ 138.8790, 3.5107,
-6.0329

■ 145.6440, 6.5845,
-11.9658

Harmonies

Analogous

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



85.3160, -9.0298, 49.7119



85.1180, -22.2432, 41.1155



83.9450, -30.0459, 23.7272

Triad

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



85.1180, -22.2432, 41.1155



67.9510, 3.9682, -59.5930



85.7790, 28.7030, -12.9612

Complementary

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



85.1180, -22.2432, 41.1155



86.8820, 22.2432, -41.1155

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.



71.3490, 37.2959, -62.5731



85.1180, -22.2432, 41.1155



71.5990, 17.9457, -62.7923

Square

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



85.1180, -22.2432, 41.1155



76.2250, -14.9009, -27.3843



73.2750, 29.4444, -64.2622



89.7250, 17.3906, 22.1662

Rectangle

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



85.1180, -22.2432, 41.1155



82.2590, -29.7077, 8.5429



73.2750, 29.4444, -64.2622



81.7770, 31.6619, -28.7454

Sweetspot

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



85.1180, -22.2432, 41.1155



152.8080, -8.7793, 15.9544



74.6900, 13.9568, 50.2609



75.6870, -5.2687, 9.9215



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



85.1180, -22.2432, 41.1155



97.6450, -34.8280, 64.3323



111.5330, -35.2658, 17.9496



62.9680, -1.4632, 2.6591



63.5240, -31.3173, 58.2995



1.4840, -0.7316, 1.3295

Inverse Universe

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



86.8820, 22.2432, -41.1155



100.3550, 34.8280, -64.3323



60.4670, 35.2658, -17.9496



63.0320, 1.4632, -2.6591



66.4760, 31.3173, -58.2995



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 85.1180, -22.2432, 41.1155 looks on a white background.

Color Contrast Check

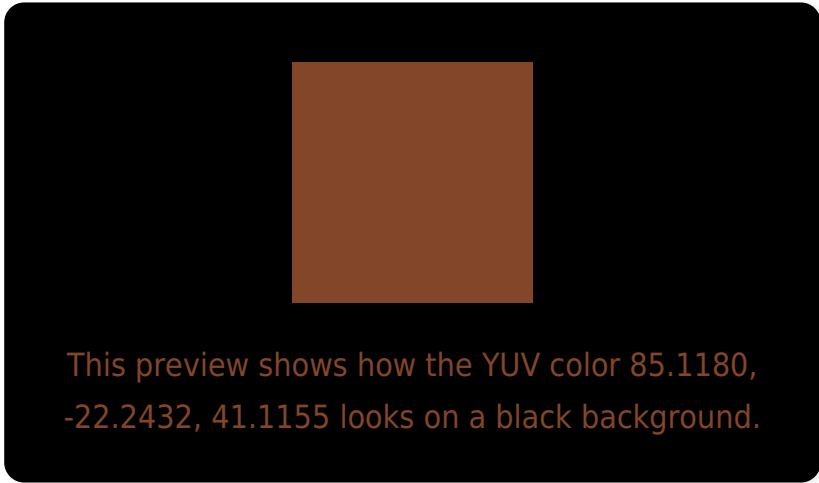
Large Text (above 18pt) WCAG AA ✓ Pass

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

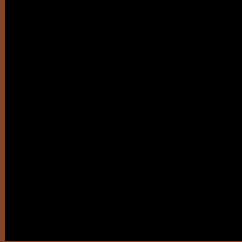
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1180, -22.2432, 41.1155

Background



This preview shows how black text looks on a background with the YUV color 85.1180, -22.2432, 41.1155.



This preview shows how white text looks on a background with the YUV color 85.1180, -22.2432,

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

85.1180, -22.2432, 41.1155

Protanopia

85.0170, -19.2354, 9.6321

Deuteranopia

85.2310, -23.7779, 19.9684



Tritanopia

86.9020, -7.8397, 41.3049

Trichromacy



Original Color

85.1180, -22.2432, 41.1155

Protanomaly

85.1540, -20.2889, 20.9129

Deuteranomaly

85.1010, -23.2208, 27.9754

Tritanomaly

85.9360, -12.7864, 41.2751

Monochromacy



Original Color

85.1180, -22.2432, 41.1155

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3240, -8.0477, 14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1180, -22.2432, 41.1155 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(132, 70, 40)` looks like.

```
.text, #text, p{  
    color:rgb(132, 70, 40)  
}
```

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(132, 70, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 70, 40) }
```

Border

The CSS property to change the border of an element to YUV 85.1180, -22.2432, 41.1155 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(132, 70, 40) }
```


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

```
.border{ border-color:rgb(132, 70, 40) }
```

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

Here you see how a box with a 4 pixel rgb(132, 70, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 70, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 70, 40);  
box-shadow:4px 4px 4px 4px rgb(132, 70,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 85.1180, -22.2432, 41.1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 70, 40) }
```

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

```
.background{ background-color: rgb(132, 70,  
40) }
```

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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