

Converting Colors

YUV(88.5670, 0.2135, 24.9357)

Have a look what the booklet for
YUV(88.5670, 0.2135, 24.9357)
contains.

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Color

**YUV(88.5670, 0.2135,
24.9357)**

Conversions

Conversions Part 1

Format	Color
Hex	754A59
RGB	117, 74, 89
RGB Percent	46%, 29%, 35%
CMY	0.5412, 0.7098, 0.6510
CMYK	0.00, 0.37, 0.24, 0.54
HSL	339°, 23%, 37%
HSV	339°, 37%, 46%
XYZ	11.5881, 9.4007, 10.6550
YIQ	88.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

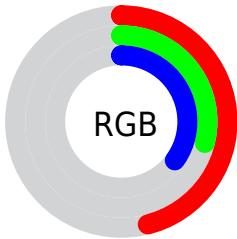
Format	Color
R_{YB}	117, 74, 89
Decimal	7686745
CIE _{Lab}	36.74, 20.58, -1.22
CIE _{LCh}	37, 20.618, 356.594
Yxy	9.4007, 0.3662, 0.2971
Android (android.graphics.Color)	4285876825 (0xFF754A59)
YUV	88.5670, 0.2135, 24.9357
Hunter-Lab	30.6606, 13.8073, 0.8584

Details

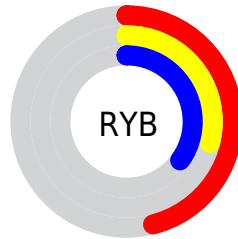
The YUV color **88.5670, 0.2135, 24.9357** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.4330, -0.2135, -24.9357**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8770, 0.0606, 27.2949**, and **42.0720, 0.9505, 21.8619** is the 20% darker color. If you saturate the color by 10%, you get **80.6110, 0.1918, 31.9132**, and if you desaturate by 10%, it is **96.5230, 0.2352, 17.9583**.

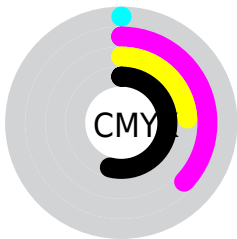
Distribution



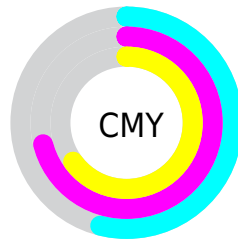
- Red (46%)
- Green (29%)
- Blue (35%)



- Red (46%)
- Yellow (29%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (54%)



- Cyan (54%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5670, 0.2135, 24.9357 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 88.5670, 0.2135, 24.9357 by changing the saturation by 10% instead.

88.5670, 0.2135,
24.9357

88.5670, 0.2135,
24.9357

255.0000, 0.0000,
0.0000

64.9690, 0.5083,
23.7062

138.8770, 0.0606,
27.2949

42.0720, 0.9505,
21.8619

165.4750, -0.2342,
28.5244

19.8870, 1.5347,
21.1471

192.7740, -0.3816,
29.1392

4.7840, -2.3585,
9.8364

221.0730, -0.5290,
29.7540

0.0000, 0.0000,
0.0000

240.8150, 4.0352,
12.4402

■ 88.5670, 0.2135,
24.9357

■ 88.5670, 0.2135,
24.9357

■ 80.6110, 0.1918,
31.9132

■ 96.5230, 0.2352,
17.9583

■ 73.3560, 0.3175,
38.2758

■ 103.7780, 0.1094,
11.5957

■ 65.4000, 0.2958,
45.2532

■ 111.7340, 0.1311,
4.6183

■ 57.5580, 0.7109,
52.1306

■ 119.5760, -0.2840,
-2.2592

■ 49.6020, 0.6892,
59.1080

■ 126.9450, 0.0271,
-8.7218

■ 42.2330, 0.3781,
65.5707

■ 134.9010, 0.0488,
-15.6992

■ 39.6570, 0.6621,
67.8298

■ 142.7430, -0.3663,
-22.5766

■ 150.6990, -0.3446,

-29.5540

■ 158.0680, -0.0335,
-36.0166

Harmonies

Analogous

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



88.8630, 7.9555, 15.0291



88.5670, 0.2135, 24.9357



87.8140, -7.7963, 27.3501

Triad

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



88.5670, 0.2135, 24.9357



83.7320, -13.6719, -1.5190



78.3510, 17.5750, -37.1418

Complementary

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



88.5670, 0.2135, 24.9357



102.4330, -0.2135, -24.9357

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.



75.9500, 12.3497, -41.1751



88.5670, 0.2135, 24.9357



81.7670, -6.7871, -16.4587

Square

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



88.5670, 0.2135, 24.9357



85.8370, -16.1886, 12.4210



78.1980, 2.8604, -30.8686



84.0480, 17.2313, -20.2131

Rectangle

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



88.5670, 0.2135, 24.9357



86.7660, -11.7166, 24.7612



78.1980, 2.8604, -30.8686



76.9870, 16.2754, -40.3306

Sweetspot

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



88.5670, 0.2135, 24.9357



141.7670, 0.1149, 9.8513



87.2740, 14.6549, 12.9147



70.3320, -0.1637, 5.8478



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.



88.5670, 0.2135, 24.9357



108.6550, 0.1701, 38.8906



90.3790, -8.0748, 23.3466



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.6680, 1.1497, 144.9962

Inverse Universe

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



88.5670, 0.2135, 24.9357



108.6550, 0.1701, 38.8906



100.6210, 8.0748, -23.3466



55.0220, -0.0108, 3.4887



41.3800, 0.7987, 70.7037



84.6680, 1.1497, 144.9962

Previews

White Background



This preview shows how the YUV color 88.5670, 0.2135, 24.9357 looks on a white background.

Color Contrast Check

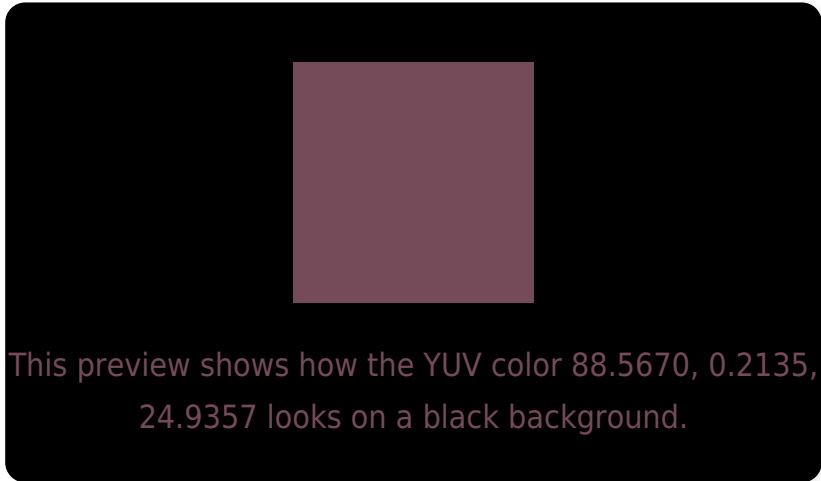
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.5670, 0.2135, 24.9357

Background



This preview shows how black text looks on a background with the YUV color 88.5670, 0.2135, 24.9357.



This preview shows how white text looks on a background with the YUV color 88.5670, 0.2135,

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

88.5670, 0.2135, 24.9357

Protanopia

87.1400, 4.3680, -0.9998

Deuteranopia

87.6310, -0.3111, 6.4626



Tritanopia

87.9430, -3.4229, 24.6060

Trichromacy



Original Color

88.5670, 0.2135, 24.9357

Protanomaly

87.7390, 2.5937, 8.1219

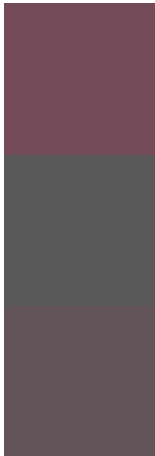
Deuteranomaly

87.7890, 0.1040, 13.3400

Tritanomaly

88.2850, -2.1125, 24.3061

Monochromacy



Original Color

88.5670, 0.2135, 24.9357

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0550, -0.0271, 8.7218

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5670, 0.2135, 24.9357 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(117, 74, 89)` looks like.

```
.text, #text, p{  
    color:rgb(117, 74, 89)  
}
```

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(117, 74, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 74, 89) }
```

Border

The CSS property to change the border of an element to YUV 88.5670, 0.2135, 24.9357 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(117, 74, 89) }
```


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

```
.border{ border-color:rgb(117, 74, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 74, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 74, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 74, 89);  
box-shadow:4px 4px 4px 4px rgb(117, 74,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 88.5670, 0.2135, 24.9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 74, 89) }
```

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

```
.background{ background-color: rgb(117, 74,  
89) }
```

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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