

Converting Colors

YUV(128.1670, 43.7947,
-0.1465)

Have a look what the booklet for
YUV(128.1670, 43.7947, -0.1465)
contains.

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Color

**YUV(128.1670, 43.7947,
-0.1465)**

Conversions

Conversions Part 1

Format	Color
Hex	806FD9
RGB	128, 111, 217
RGB Percent	50%, 44%, 85%
CMY	0.4980, 0.5647, 0.1490
CMYK	0.41, 0.49, 0.00, 0.15
HSL	250°, 58%, 64%
HSV	250°, 49%, 85%
XYZ	27.1109, 20.9678, 68.2639
YIQ	128.1670, -23.8940, 36.5700

Conversions

Conversions Part 2

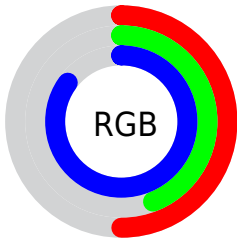
Format	Color
R_{YB}	128, 111, 217
Decimal	8417241
CIE _{Lab}	52.91, 32.09, -52.36
CIE _{LCh}	53, 61.408, 301.504
Yxy	20.9678, 0.2330, 0.1802
Android (android.graphics.Color)	4286607321 (0xFF806FD9)
YUV	128.1670, 43.7947, -0.1465
Hunter-Lab	45.7906, 25.5495, -56.3351

Details

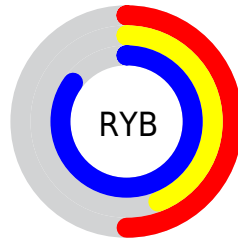
The YUV color $128.1670, 43.7947, -0.1465$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $199.8330, -43.7947, 0.1465$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.0660, 36.9425, 4.3271$, and $76.8630, 41.4795, -4.2649$ is the 20% darker color. If you saturate the color by 10%, you get $109.8710, 52.8146, 0.1131$, and if you desaturate by 10%, it is $146.4630, 34.7747, -0.4061$.

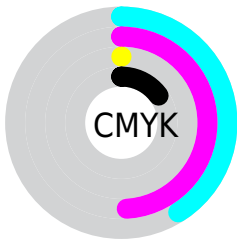
Distribution



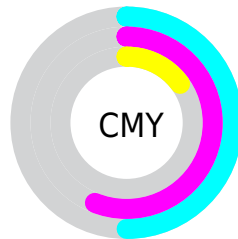
- Red (50%)
- Green (44%)
- Blue (85%)



- Red (50%)
- Yellow (44%)
- Blue (85%)



- Cyan (41%)
- Magenta (49%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1670, 43.7947, -0.1465 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 128.1670, 43.7947, -0.1465 by changing the saturation by 10% instead.

■ 128.1670, 43.7947,
-0.1465

■ 128.1670, 43.7947,
-0.1465

255.0000, 0.0000,
0.0000

■ 101.9280, 42.9265,
-1.6909

■ 180.0660, 36.9425,
4.3271

■ 76.8630, 41.4795,
-4.2649

■ 204.5860, 24.8541,
8.2561

■ 51.4280, 41.2010,
-8.2684

■ 229.6930, 12.4764,
11.6702

■ 23.5790, 42.1126,
-20.6788

■ 250.3040, 2.3151,
4.1184

■ 9.5760, 36.6910,
-8.3982

■ 9.7750, 24.7609,
-8.5727

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 128.1670, 43.7947,
-0.1465

■ 128.1670, 43.7947,
-0.1465

■ 109.8710, 52.8146,
0.1131

■ 146.4630, 34.7747,
-0.4061

■ 92.1620, 61.5451,
-0.1421

■ 164.1720, 26.0442,
-0.1508

■ 73.5670, 70.7125,
-0.4973

■ 182.7670, 16.8769,
0.2043

■ 55.2710, 79.7324,
-0.2377

■ 201.0630, 7.8569,
-0.0553

■ 37.5620, 88.4629,
-0.4929

■ 219.3590, -1.1630,
-0.3148

■ 35.2030, 89.6259,
-0.1780

■ 237.0680, -9.8935,
-0.0596

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



103.9320, 63.1375, -91.1484



128.1670, 43.7947, -0.1465



127.8830, 24.7077, 55.3536

Triad

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



128.1670, 43.7947, -0.1465



120.9360, -46.3104, 60.5691



102.5280, 12.0647, -89.9171

Complementary

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



128.1670, 43.7947, -0.1465



199.8330, -43.7947, 0.1465

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.



94.6110, -10.6542, -82.9738



128.1670, 43.7947, -0.1465



117.9260, -58.1375, 27.2519

Square

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



128.1670, 43.7947, -0.1465



120.5670, -22.9575, 83.6947



112.6910, -45.2037, -14.6380



108.5700, 35.2150, -95.2159

Rectangle

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



128.1670, 43.7947, -0.1465



123.5410, 10.0863, 78.4555



112.6910, -45.2037, -14.6380



100.4760, 4.2023, -88.1175

Sweetspot

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



128.1670, 43.7947, -0.1465



223.1260, 15.7139, -0.1105



175.9140, 20.2554, -56.9296



108.5190, 9.6041, -0.4552



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



128.1670, 43.7947, -0.1465



129.2760, 61.9819, -0.2421



143.7150, 36.1295, 31.8219



100.5530, 4.6574, -0.4850



28.0940, 71.4387, -0.0824



7.3370, 19.0609, -0.2955

Inverse Universe

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



152.8400, 23.2499, 56.2683



164.2140, 32.9255, 79.6193



184.2850, -36.1295, -31.8219



103.3150, 2.3097, 5.8627



68.3710, 38.2711, 91.7596



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 128.1670, 43.7947, -0.1465 looks on a white background.

Color Contrast Check

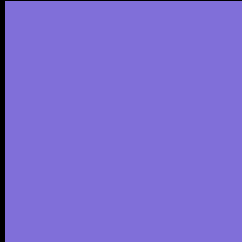
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 128.1670, 43.7947, -0.1465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

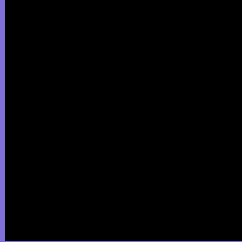
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.1670, 43.7947, -0.1465

Background



This preview shows how black text looks on a background with the YUV color 128.1670, 43.7947, -0.1465.



This preview shows how white text looks on a background with the YUV color 128.1670, 43.7947, -0.1465.

-0.1465.

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

128.1670, 43.7947, -0.1465

Protanopia

120.4330, 53.5235, -40.7217

Deuteranopia

117.9670, 46.8513, -47.3291



Tritanopia

124.2740, 7.7529, -13.3953

Trichromacy



Original Color

128.1670, 43.7947, -0.1465

Protanomaly

123.6090, 49.9858, -25.9671

Deuteranomaly

121.4360, 45.6341, -30.2004

Tritanomaly

125.4500, 20.9772, -8.2876

Monochromacy



Original Color

128.1670, 43.7947, -0.1465

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1260, 15.7139, -0.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1670, 43.7947, -0.1465 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(128, 111, 217)` looks like.

```
.text, #text, p{  
    color:rgb(128, 111, 217)  
}
```

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(128, 111, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 111, 217) }
```

Border

The CSS property to change the border of an element to YUV 128.1670, 43.7947, -0.1465 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(128, 111, 217) }
```


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

```
.border{ border-color:rgb(128, 111, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 111, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 111, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 111, 217);  
box-shadow:4px 4px 4px 4px rgb(128, 111,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 128.1670, 43.7947, -0.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 111, 217) }
```

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

```
.background{ background-color: rgb(128,  
111, 217) }
```

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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