

Converting Colors

YUV(87.1620, -42.4779,
44.5849)

Have a look what the booklet for
YUV(87.1620, -42.4779, 44.5849)
contains.

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Color

**YUV(87.1620, -42.4779,
44.5849)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4E01
RGB	138, 78, 1
RGB Percent	54%, 31%, 0%
CMY	0.4588, 0.6941, 0.9961
CMYK	0.00, 0.43, 0.99, 0.46
HSL	34°, 99%, 27%
HSV	34°, 99%, 54%
XYZ	13.2111, 10.8542, 1.4275
YIQ	87.1620, 60.4770, -11.2270

Conversions

Conversions Part 2

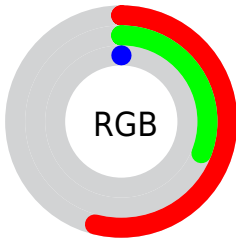
Format	Color
R_{YB}	108, 138, 1
Decimal	9063937
CIE Lab	39.33, 20.49, 48.24
CIE LCh	39, 52.416, 66.984
Yxy	10.8542, 0.5182, 0.4258
Android (android.graphics.Color)	4287254017 (0xFF8A4E01)
YUV	87.1620, -42.4779, 44.5849
Hunter-Lab	32.9458, 13.9225, 20.4931

Details

The YUV color **87.1620, -42.4779, 44.5849** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **51.8380, 42.4779, -44.5849**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8360, -41.3311, 50.1328**, and **43.8890, -21.6373, 33.4233** is the 20% darker color. If you saturate the color by 10%, you get **87.0480, -42.9147, 44.6849**, and if you desaturate by 10%, it is **92.2800, -38.0990, 40.0964**.

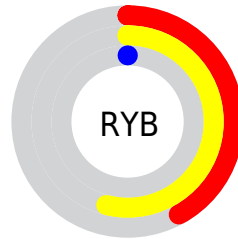
Distribution



Red (54%)

Green (31%)

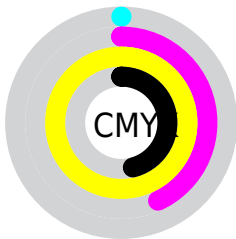
Blue (0%)



Red (42%)

Yellow (54%)

Blue (0%)

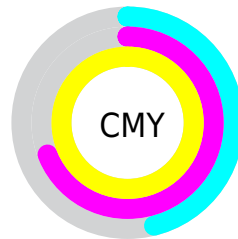


Cyan (0%)

Magenta (43%)

Yellow (99%)

Black (46%)



Cyan (46%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.1620, -42.4779, 44.5849 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 87.1620, -42.4779, 44.5849 by changing the saturation by 10% instead.

87.1620, -42.4779,
44.5849

87.1620, -42.4779,
44.5849

253.7460, -4.8048,
1.0998

65.1750, -32.1313,
39.3115

139.8360,
-41.3311, 50.1328

43.8890, -21.6373,
33.4233

167.5050,
-42.6470, 52.1771

22.9020, -11.2907,
28.1499

194.1030,
-42.9418, 53.4067

9.3830, -4.1328,
18.9581

213.5030,
-39.6880, 36.3929


0.0000, 0.0000,
0.0000


233.0170,
-35.9974, 19.2791


247.2480,


-29.7023, 6.7985


 250.4400,
-17.4719, 3.9991


 87.1620, -42.4779,
44.5849


 87.1620, -42.4779,
44.5849


 87.0480, -42.9147,
44.6849

 92.2800, -38.0990,
40.0964

 97.3980, -33.7202,
35.6080

 102.4020,
-29.7782, 31.2194

 107.5200,
-25.3994, 26.7310

 112.6380,
-21.0205, 22.2425

■ 117.7560,
-16.6417, 17.7540

■ 122.8740,
-12.2629, 13.2655

■ 127.8780, -8.3209,
8.8770

■ 132.9960, -3.9420,
4.3885

Harmonies

Analogous

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



87.2010, -21.2981, 64.7217



87.1620, -42.4779, 44.5849



85.9750, -42.3857, 14.9309

Triad

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



87.1620, -42.4779, 44.5849



77.3720, 12.1416, -67.8552



94.6600, 32.7056, 9.9452

Complementary

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



87.1620, -42.4779, 44.5849



51.8380, 42.4779, -44.5849

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.



76.0570, 50.2579, -66.7020



87.1620, -42.4779, 44.5849



81.4590, 30.3397, -71.4395

Square

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



87.1620, -42.4779, 44.5849



71.0680, -6.9355, -62.3266



81.7160, 44.0170, -71.6649



91.9120, 17.2984, 51.8202

Rectangle

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



87.1620, -42.4779, 44.5849



81.4130, -40.1366, -6.5012



81.7160, 44.0170, -71.6649



92.2060, 37.8594, -9.8277

Sweetspot

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



87.1620, -42.4779, 44.5849



158.7560, -16.6417, 17.7540



49.0310, 6.8867, 78.0258



77.1340, -9.9261, 10.4065



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



87.1620, -42.4779, 44.5849



112.2210, -55.3250, 58.5652



120.2890, -58.8095, 9.3935



66.4410, -2.1894, 2.2442



83.7920, -41.3095, 43.1554



3.2560, -1.6052, 1.5295

Inverse Universe

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



51.8380, 42.4779, -44.5849



66.1920, 55.6143, -58.0504



18.7110, 58.8095, -9.3935



64.5590, 2.1894, -2.2442



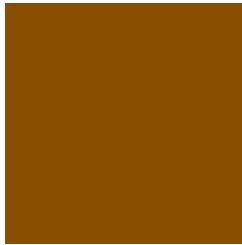
49.2080, 41.3095, -43.1554



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 87.1620, -42.4779, 44.5849 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 × Fail

Black Background



This preview shows how the YUV color 87.1620, -42.4779, 44.5849 looks on a black 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

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

YUV 87.1620, -42.4779, 44.5849

Background



This preview shows how black text looks on a background with the YUV color 87.1620, -42.4779, 44.5849.



This preview shows how white text looks on a background with the YUV color 87.1620, -42.4779,

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

87.1620, -42.4779, 44.5849

Protanopia

87.8270, -37.8757, 15.0607

Deuteranopia

87.5250, -43.1498, 26.7266



Tritanopia

93.9020, -7.8397, 41.3049

Trichromacy



Original Color

87.1620, -42.4779, 44.5849

Protanomaly

87.4370, -39.6554, 25.9268

Deuteranomaly

87.2700, -43.0241, 33.0892

Tritanomaly

91.5850, -20.5014, 42.4600

Monochromacy



Original Color

87.1620, -42.4779, 44.5849

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3860, -15.4733, 16.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.1620, -42.4779, 44.5849 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(138, 78, 1)` looks like.

```
.text, #text, p{  
    color:rgb(138, 78, 1)  
}
```

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(138, 78, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 78, 1) }
```

Border

The CSS property to change the border of an element to YUV 87.1620, -42.4779, 44.5849 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(138, 78, 1) }
```


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

```
.border{ border-color:rgb(138, 78, 1) }
```

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

Here you see how a box with a 4 pixel rgb(138, 78, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 78, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 78, 1);  
box-shadow:4px 4px 4px 4px rgb(138, 78, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.1620, -42.4779, 44.5849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 78, 1) }
```

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

```
.background{ background-color: rgb(138, 78,  
1) }
```

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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