

Converting Colors

YUV(94.2830, -42.5375,
63.7728)

Have a look what the booklet for
YUV(94.2830, -42.5375, 63.7728)
contains.

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Color

**YUV(94.2830, -42.5375,
63.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	A74A08
RGB	167, 74, 8
RGB Percent	65%, 29%, 3%
CMY	0.3451, 0.7098, 0.9686
CMYK	0.00, 0.56, 0.95, 0.35
HSL	25°, 91%, 34%
HSV	25°, 95%, 65%
XYZ	18.4290, 13.1306, 1.7929
YIQ	94.2830, 76.6140, -0.8100

Conversions

Conversions Part 2

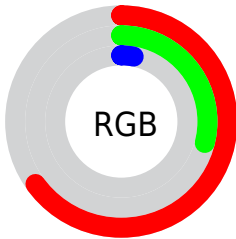
Format	Color
R_{YB}	167, 121, 8
Decimal	10963464
CIE _{Lab}	42.96, 35.26, 50.77
CIE _{LCh}	43, 61.815, 55.221
Yxy	13.1306, 0.5526, 0.3937
Android (android.graphics.Color)	4289153544 (0xFFA74A08)
YUV	94.2830, -42.5375, 63.7728
Hunter-Lab	36.2361, 27.3682, 22.4318

Details

The YUV color **94.2830, -42.5375, 63.7728** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **80.7170, 42.5375, -63.7728**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6150, -42.7012, 69.6206**, and **46.0810, -22.7179, 53.4260** is the 20% darker color. If you saturate the color by 10%, you get **90.4360, -44.5849, 67.1466**, and if you desaturate by 10%, it is **102.0910, -38.0059, 56.9252**.

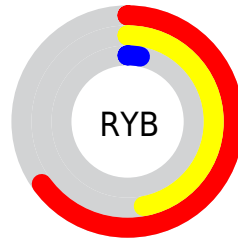
Distribution



Red (65%)

Green (29%)

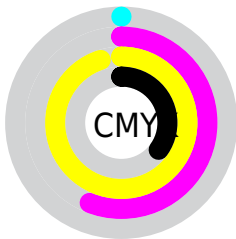
Blue (3%)



Red (65%)

Yellow (47%)

Blue (3%)

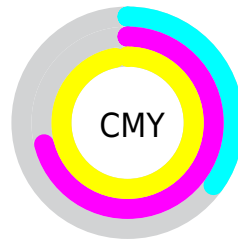


Cyan (0%)

Magenta (56%)

Yellow (95%)

Black (35%)



Cyan (35%)


Magenta (71%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.2830, -42.5375, 63.7728 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 94.2830, -42.5375, 63.7728 by changing the saturation by 10% instead.


 94.2830, -42.5375,
63.7728

 94.2830, -42.5375,
63.7728


 254.4300, -2.1840,
0.4999

 69.7260, -34.3749,
58.9993


 148.6150,
-42.7012, 69.6206

 46.0810, -22.7179,
53.4260


 174.8000,
-43.2854, 70.3354


 23.3220, -11.4977,
47.9526

 194.0860,
-40.4684, 53.4216

 15.5480, -7.6652,
31.9684

 213.4860,
-37.2146, 36.4078


 3.8870, -1.9163,
7.9921


 233.0000,
-33.5240, 19.2940


 0.0000, 0.0000,
0.0000


 247.9320,


-27.0815, 6.1986


 251.1240,
-14.8511, 3.3993


 94.2830, -42.5375,
63.7728


 94.2830, -42.5375,
63.7728


 90.4360, -44.5849,
67.1466

 102.0910,
-38.0059, 56.9252

 109.7850,
-33.9110, 50.1776

 117.0060,
-29.0900, 43.8447

 124.8140,
-24.5583, 36.9971

 132.5080,
-20.4634, 30.2495

■ 140.3160,
-15.9318, 23.4019

■ 147.5370,
-11.1107, 17.0691

■ 155.3450, -6.5791,
10.2214

■ 163.0390, -2.4842,
3.4738

Harmonies

Analogous

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



91.3420, -14.9586, 84.7691



94.2830, -42.5375, 63.7728



95.2220, -46.9444, 30.5003

Triad

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



94.2830, -42.5375, 63.7728



82.5750, 4.1535, -72.4183



99.5560, 47.0539, -18.9046

Complementary

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



94.2830, -42.5375, 63.7728



80.7170, 42.5375, -63.7728

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.



87.8260, 57.2738, -77.0234



94.2830, -42.5375, 63.7728



89.2040, 27.0144, -78.2319

Square

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



94.2830, -42.5375, 63.7728



74.0710, -18.2760, -64.9603



91.5300, 46.0807, -80.2718



101.9680, 29.1028, 45.6321

Rectangle

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



94.2830, -42.5375, 63.7728



92.4100, -45.5581, 5.7794



91.5300, 46.0807, -80.2718



81.3260, 58.9993, -70.4459

Sweetspot

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



94.2830, -42.5375, 63.7728



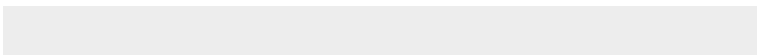
188.0990, -16.8108, 25.3462



66.3710, 18.0581, 88.2516



92.0530, -10.3791, 15.7395



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



94.2830, -42.5375, 63.7728



117.7130, -58.0325, 87.0747



139.4820, -64.8206, 24.1333



80.1530, -2.0474, 3.3738



80.0590, -39.4691, 59.5843



10.6760, -5.2633, 8.1771

Inverse Universe

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



80.7170, 42.5375, -63.7728



99.2870, 58.0325, -87.0747



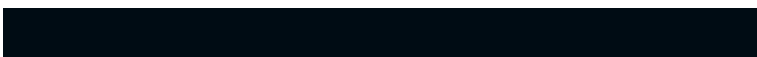
35.5180, 64.8206, -24.1333



79.8470, 2.0474, -3.3738



67.9410, 39.4691, -59.5843



9.3240, 5.2633, -8.1771

Previews

White Background



This preview shows how the YUV color 94.2830, -42.5375, 63.7728 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 94.2830, -42.5375, 63.7728 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 94.2830, -42.5375, 63.7728

Background



This preview shows how black text looks on a background with the YUV color 94.2830, -42.5375, 63.7728.



This preview shows how white text looks on a background with the YUV color 94.2830, -42.5375,

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

94.2830, -42.5375, 63.7728

Protanopia

96.8980, -38.8967, 15.8755

Deuteranopia

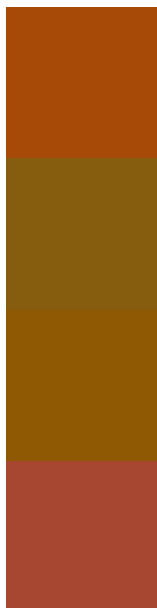
95.5100, -47.0864, 29.3707



Tritanopia

99.3560, -12.9935, 61.0778

Trichromacy



Original Color

94.2830, -42.5375, 63.7728

Protanomaly

95.6660, -40.2613, 33.6189

Deuteranomaly

95.3420, -45.5246, 41.7961

Tritanomaly

97.4950, -23.9080, 61.8329

Monochromacy



Original Color

94.2830, -42.5375, 63.7728

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.4300, -15.4950, 23.3019

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.2830, -42.5375, 63.7728 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(167, 74, 8)` looks like.

```
.text, #text, p{  
    color:rgb(167, 74, 8)  
}
```

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(167, 74, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 74, 8) }
```

Border

The CSS property to change the border of an element to YUV 94.2830, -42.5375, 63.7728 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(167, 74, 8) }
```


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

```
.border{ border-color:rgb(167, 74, 8) }
```

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

Here you see how a box with a 4 pixel rgb(167, 74, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 74, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 74, 8);  
box-shadow:4px 4px 4px 4px rgb(167, 74, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 94.2830, -42.5375, 63.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 74, 8) }
```

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

```
.background{ background-color: rgb(167, 74,  
8) }
```

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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