

Converting Colors

YUV(98.4470, -27.8284,
59.2440)

Have a look what the booklet for
YUV(98.4470, -27.8284, 59.2440)
contains.

YUV(98.4470, -27.8284, 59.2440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.4470, -27.8284,
59.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	A64B2A
RGB	166, 75, 42
RGB Percent	65%, 29%, 16%
CMY	0.3490, 0.7059, 0.8353
CMYK	0.00, 0.55, 0.75, 0.35
HSL	16°, 60%, 41%
HSV	16°, 75%, 65%
XYZ	18.6599, 13.3063, 3.7754
YIQ	98.4470, 64.8290, 9.0290

Conversions

Conversions Part 2

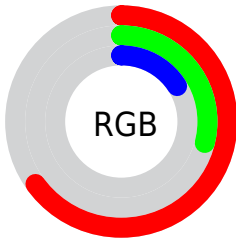
Format	Color
R_{YB}	166, 87, 42
Decimal	10898218
CIE _{Lab}	43.22, 35.33, 36.89
CIE _{LCh}	43, 51.081, 46.232
Yxy	13.3063, 0.5221, 0.3723
Android (android.graphics.Color)	4289088298 (0xFFA64B2A)
YUV	98.4470, -27.8284, 59.2440
Hunter-Lab	36.4778, 27.4738, 19.3981

Details

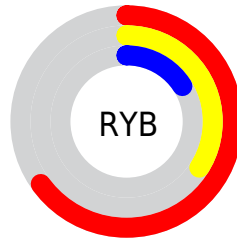
The YUV color **98.4470, -27.8284, 59.2440** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **109.5530, 27.8284, -59.2440**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6820, -30.9022, 65.1769**, and **46.9670, -23.1547, 53.5259** is the 20% darker color. If you saturate the color by 10%, you get **89.4650, -31.7812, 67.1212**, and if you desaturate by 10%, it is **107.4290, -23.8755, 51.3668**.

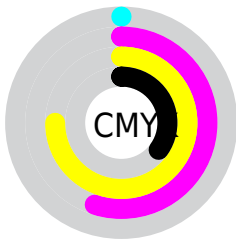
Distribution



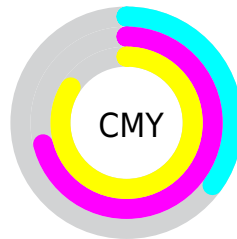
- Red (65%)
- Green (29%)
- Blue (16%)



- Red (65%)
- Yellow (34%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (75%)
- Black (35%)





- Cyan (35%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.4470, -27.8284, 59.2440 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 98.4470, -27.8284, 59.2440 by changing the saturation by 10% instead.


 98.4470, -27.8284,
59.2440

 98.4470, -27.8284,
59.2440


255.0000, 0.0000,
0.0000


 72.4790, -26.3651,
56.5849


 151.6820,
-30.9022, 65.1769


 46.9670, -23.1547,
53.5259


 179.0520,
-32.0706, 66.6064


 23.6210, -11.6452,
48.5674

 197.8650,
-28.5274, 50.1074

 15.8470, -7.8126,
32.5832

 217.3790,
-24.8368, 32.9936

 4.4850, -2.2111,
9.2217

 237.4800,
-21.4356, 15.3650

 0.0000, 0.0000,
0.0000

 251.2380,

-14.4143, 3.2993

254.5440, -1.7472,
0.3999

■ 98.4470, -27.8284,
59.2440

■ 98.4470, -27.8284,
59.2440

■ 89.4650, -31.7812,
67.1212

■ 107.4290,
-23.8755, 51.3668

■ 80.5970, -35.2973,
74.8984

■ 116.2970,
-20.3594, 43.5895

■ 75.4620, -37.2028,
79.4018

■ 125.8660,
-16.6959, 35.1975

■ 134.7340,
-13.1799, 27.4203

■ 143.7160, -9.2270,
19.5431

■ 152.6980, -5.2741,
11.6659

■ 161.5660, -1.7580,
3.8886

■ 170.5480, 2.1948,
-3.9886

■ 180.0030, 5.4215,
-12.2806

Harmonies

Analogous

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



97.6760, -8.2213, 70.4441



98.4470, -27.8284, 59.2440



96.8360, -44.7821, 36.9778

Triad

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



98.4470, -27.8284, 59.2440



80.1470, -0.0725, -70.2889



96.7300, 43.0241, -33.0892

Complementary

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



98.4470, -27.8284, 59.2440



109.5530, 27.8284, -59.2440

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.



86.7200, 47.9590, -76.0534



98.4470, -27.8284, 59.2440



85.8640, 19.2940, -75.3027

Square

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



98.4470, -27.8284, 59.2440



87.4880, -23.9046, -32.8770



88.9080, 36.0344, -77.9723



105.0810, 27.5681, 24.4850

Rectangle

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



98.4470, -27.8284, 59.2440



94.8460, -46.7591, 17.6751



88.9080, 36.0344, -77.9723



82.3660, 51.5846, -72.2350

Sweetspot

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



98.4470, -27.8284, 59.2440



190.9830, -10.8376, 22.8169



89.6780, 22.3437, 66.9344



94.3670, -6.5899, 13.7101



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.



98.4470, -27.8284, 59.2440



110.8290, -43.7927, 93.1120



133.6670, -45.1918, 28.3560



79.5660, -1.7580, 3.8886



67.1450, -33.1025, 70.9098



8.9150, -4.3951, 9.7215

Inverse Universe

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



109.5530, 27.8284, -59.2440



128.1710, 43.7927, -93.1120



74.3330, 45.1918, -28.3560



80.4340, 1.7580, -3.8886



80.8550, 33.1025, -70.9098



11.0850, 4.3951, -9.7215

Previews

White Background



This preview shows how the YUV color 98.4470, -27.8284, 59.2440 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 98.4470, -27.8284, 59.2440 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 98.4470, -27.8284, 59.2440

Background



This preview shows how black text looks on a background with the YUV color 98.4470, -27.8284, 59.2440.



This preview shows how white text looks on a background with the YUV color 98.4470, -27.8284,

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

98.4470, -27.8284, 59.2440

Protanopia

100.2470, -24.7718, 12.0614

Deuteranopia

99.9020, -31.5037, 24.6419



Tritanopia

100.5730, -12.1145, 59.1335

Trichromacy



Original Color

98.4470, -27.8284, 59.2440

Protanomaly

99.7160, -25.9890, 29.1901

Deuteranomaly

99.6200, -30.3787, 37.1673

Tritanomaly

99.4930, -17.4980, 59.2036

Monochromacy



Original Color

98.4470, -27.8284, 59.2440

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.4990, -10.1060, 21.4874

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4470, -27.8284, 59.2440 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(166, 75, 42)` looks like.

```
.text, #text, p{  
    color:rgb(166, 75, 42)  
}
```

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(166, 75, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 75, 42) }
```

Border

The CSS property to change the border of an element to YUV 98.4470, -27.8284, 59.2440 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(166, 75, 42) }
```


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

```
.border{ border-color:rgb(166, 75, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 75, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 75, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 75, 42);  
box-shadow:4px 4px 4px 4px rgb(166, 75,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 98.4470, -27.8284, 59.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 75, 42) }
```

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

```
.background{ background-color: rgb(166, 75,  
42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor