

Converting Colors

YUV(89.7490, -42.7673,
44.0701)

Have a look what the booklet for
YUV(89.7490, -42.7673, 44.0701)
contains.

YUV(89.7490, -42.7673, 44.0701)	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>	30

Color

**YUV(89.7490, -42.7673,
44.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5103
RGB	140, 81, 3
RGB Percent	55%, 32%, 1%
CMY	0.4510, 0.6824, 0.9882
CMYK	0.00, 0.42, 0.98, 0.45
HSL	34°, 96%, 28%
HSV	34°, 98%, 55%
XYZ	13.7741, 11.4669, 1.5735
YIQ	89.7490, 60.2020, -11.7500

Conversions

Conversions Part 2

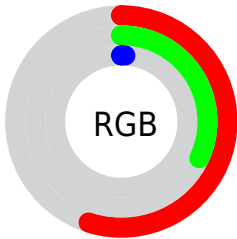
Format	Color
R_{YB}	107, 140, 3
Decimal	9195779
CIE Lab	40.36, 19.72, 48.45
CIE LCh	40, 52.308, 67.856
Yxy	11.4669, 0.5137, 0.4276
Android (android.graphics.Color)	4287385859 (0xFF8C5103)
YUV	89.7490, -42.7673, 44.0701
Hunter-Lab	33.8628, 13.3471, 20.9489

Details

The YUV color **89.7490, -42.7673, 44.0701** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **53.2510, 42.7673, -44.0701**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0100, -41.9099, 49.1032**, and **46.2480, -22.8003, 33.1085** is the 20% darker color. If you saturate the color by 10%, you get **88.8200, -43.7883, 44.8849**, and if you desaturate by 10%, it is **94.8670, -38.3884, 39.5816**.

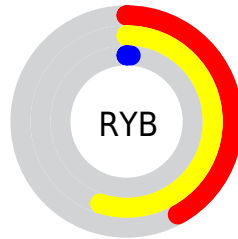
Distribution



Red (55%)

Green (32%)

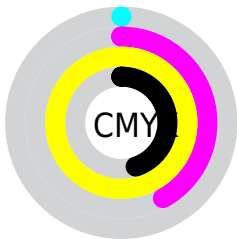
Blue (1%)



Red (42%)

Yellow (55%)

Blue (1%)

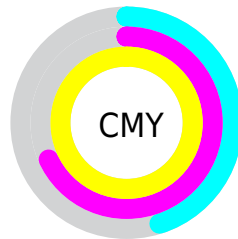


Cyan (0%)

Magenta (42%)

Yellow (98%)

Black (45%)



Cyan (45%)

Magenta (68%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7490, -42.7673, 44.0701 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 89.7490, -42.7673, 44.0701 by changing the saturation by 10% instead.

89.7490, -42.7673,
44.0701

89.7490, -42.7673,
44.0701

254.0880, -3.4944,
0.7998

67.5340, -33.2943,
38.9967

143.0100,
-41.9099, 49.1032

46.2480, -22.8003,
33.1085

170.0920,
-42.9364, 51.6623

25.2610, -12.4537,
27.8351

196.6790,
-43.2257, 51.1475

10.2800, -4.5750,
20.8024


215.4920,
-39.6826, 34.6485


0.0000, 0.0000,
0.0000


235.5930,
-36.2813, 17.0199


247.4760,


-28.8287, 6.5985


 250.7820,
-16.1615, 3.6992


 89.7490, -42.7673,
44.0701


 89.7490, -42.7673,
44.0701


 88.8200, -43.7883,
44.8849

 94.8670, -38.3884,
39.5816

 99.9850, -34.0096,
35.0932

 105.1030,
-29.6308, 30.6047

 110.2210,
-25.2520, 26.1162

 115.3390,
-20.8731, 21.6277

■ 120.4570,
-16.4943, 17.1392

■ 125.5750,
-12.1155, 12.6507

■ 130.6930, -7.7366,
8.1622

■ 135.8110, -3.3578,
3.6738

Harmonies

Analogous

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



90.5600, -22.4611, 64.4069



89.7490, -42.7673, 44.0701



88.3340, -43.5487, 14.6161

Triad

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



89.7490, -42.7673, 44.0701



79.5890, 13.0206, -69.7996



97.2580, 32.4108, 11.1747

Complementary

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



89.7490, -42.7673, 44.0701



53.2510, 42.7673, -44.0701

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.



77.4590, 50.5527, -67.9315



89.7490, -42.7673, 44.0701



83.6760, 31.2187, -73.3839

Square

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



89.7490, -42.7673, 44.0701



72.6980, -5.7671, -63.7561



83.2320, 44.7486, -72.9945



94.6840, 16.4248, 52.0201

Rectangle

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



89.7490, -42.7673, 44.0701



83.7720, -41.2996, -6.8160



83.2320, 44.7486, -72.9945



95.4020, 37.2698, -7.3686

Sweetspot

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



89.7490, -42.7673, 44.0701



161.5710, -16.0575, 17.0392



50.6890, 5.5763, 78.3257



80.1340, -9.9261, 10.4065



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



89.7490, -42.7673, 44.0701



114.5800, -56.4879, 58.2503



121.6910, -58.5147, 8.1640



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.



53.2510, 42.7673, -44.0701



66.4200, 56.4879, -58.2503



21.3090, 58.5147, -8.1640



64.5590, 2.1894, -2.2442



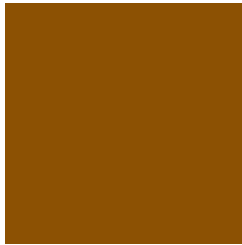
48.6210, 41.5988, -42.6406



1.7440, 1.6052, -1.5295

Previews

White Background



This preview shows how the YUV color 89.7490, -42.7673, 44.0701 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 89.7490, -42.7673, 44.0701 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 89.7490, -42.7673, 44.0701

Background



This preview shows how black text looks on a background with the YUV color 89.7490, -42.7673, 44.0701.



This preview shows how white text looks on a background with the YUV color 89.7490, -42.7673,

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

89.7490, -42.7673, 44.0701

Protanopia

89.8980, -38.8967, 15.8755

Tritanopia

96.0160, -7.4029, 41.2050

Trichromacy



Original Color

89.7490, -42.7673, 44.0701

Protanomaly

90.2090, -40.5290, 26.1267

Tritanomaly

93.6990, -20.0646, 42.3600

Monochromacy



Original Color

89.7490, -42.7673, 44.0701

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9730, -15.7627, 15.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7490, -42.7673, 44.0701 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(140, 81, 3)` looks like.

```
.text, #text, p{  
    color:rgb(140, 81, 3)  
}
```

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(140, 81, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 81, 3) }
```

Border

The CSS property to change the border of an element to YUV 89.7490, -42.7673, 44.0701 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(140, 81, 3) }
```

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

```
.border{ border-color:rgb(140, 81, 3) }
```

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

Here you see how a box with a 4 pixel rgb(140, 81, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 81, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 81, 3);  
box-shadow:4px 4px 4px 4px rgb(140, 81, 3)  
}
```


Background

The CSS property to change the background color of an element to YUV 89.7490, -42.7673, 44.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 81, 3) }
```

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

```
.background{ background-color: rgb(140, 81,  
3) }
```

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