

Converting Colors

YUV(88.4700, -32.7697,
57.4698)

Have a look what the booklet for
YUV(88.4700, -32.7697, 57.4698)
contains.

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Color

**YUV(88.4700, -32.7697,
57.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	9A4416
RGB	154, 68, 22
RGB Percent	60%, 27%, 9%
CMY	0.3961, 0.7333, 0.9137
CMYK	0.00, 0.56, 0.86, 0.40
HSL	21°, 75%, 35%
HSV	21°, 86%, 60%
XYZ	15.5384, 11.0622, 2.0753
YIQ	88.4700, 66.0220, 3.9260

Conversions

Conversions Part 2

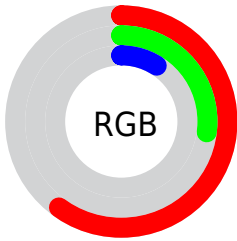
Format	Color
R_{YB}	154, 93, 22
Decimal	10109974
CIE _{Lab}	39.69, 33.37, 42.58
CIE _{LCh}	40, 54.104, 51.913
Yxy	11.0622, 0.5419, 0.3858
Android (android.graphics.Color)	4288300054 (0xFF9A4416)
YUV	88.4700, -32.7697, 57.4698
Hunter-Lab	33.2599, 25.1869, 19.5824

Details

The YUV color **88.4700, -32.7697, 57.4698** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **87.5300, 32.7697, -57.4698**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2320, -35.1174, 63.8175**, and **39.8570, -19.6495, 49.2374** is the 20% darker color. If you saturate the color by 10%, you get **80.8900, -36.4278, 64.1175**, and if you desaturate by 10%, it is **96.0500, -29.1116, 50.8222**.

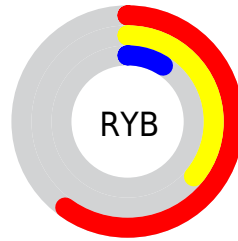
Distribution



Red (60%)

Green (27%)

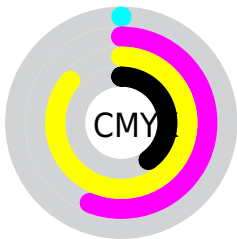
Blue (9%)



Red (60%)

Yellow (36%)

Blue (9%)

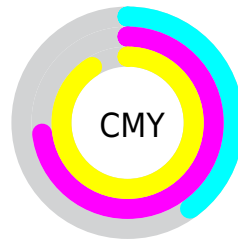


Cyan (0%)

Magenta (56%)

Yellow (86%)

Black (40%)



Cyan (40%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.4700, -32.7697, 57.4698 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 88.4700, -32.7697, 57.4698 by changing the saturation by 10% instead.

■ 88.4700, -32.7697,
57.4698

■ 88.4700, -32.7697,
57.4698

255.0000, 0.0000,
0.0000

■ 63.2030, -31.1591,
54.1960

■ 141.2320,
-35.1174, 63.8175

■ 39.8570, -19.6495,
49.2374

■ 169.0860,
-37.0174, 66.5766

■ 20.3320, -10.0237,
41.8048

■ 190.8890,
-34.9483, 56.2253

■ 13.2700, -6.0491,
26.9502


■ 209.7020,
-31.4051, 39.7263


■ 0.0000, 0.0000,
0.0000


■ 229.8030,
-28.0039, 22.0978


■ 248.7300,


-24.0239, 5.4988


 252.0360,
-11.3567, 2.5994

 88.4700, -32.7697,
57.4698


 88.4700, -32.7697,
57.4698


 80.8900, -36.4278,
64.1175

 96.0500, -29.1116,
50.8222

 77.7440, -38.3278,
66.8765

 103.7440,
-25.0168, 44.0745

 111.3240,
-21.3587, 37.4269

 119.0180,
-17.2639, 30.6792

 126.5980,
-13.6058, 24.0316

■ 134.1780, -9.9478,
17.3839

■ 141.8720, -5.8529,
10.6363

■ 149.4520, -2.1948,
3.9886

■ 157.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



86.1880, -11.4317, 73.5031



88.4700, -32.7697, 57.4698



87.8460, -43.3081, 30.8301

Triad

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



88.4700, -32.7697, 57.4698



75.4510, 2.2427, -66.1705



90.2690, 42.2654, -23.0379

Complementary

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



88.4700, -32.7697, 57.4698



87.5300, 32.7697, -57.4698

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.



80.5080, 49.5426, -70.6055



88.4700, -32.7697, 57.4698



80.5810, 21.8986, -70.6695

Square

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



88.4700, -32.7697, 57.4698



70.8490, -18.1666, -53.3646



83.7390, 39.0757, -73.4391



95.2070, 26.5199, 34.0215

Rectangle

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



88.4700, -32.7697, 57.4698



85.9420, -42.3694, 9.6979



83.7390, 39.0757, -73.4391



75.2250, 52.1471, -65.9723

Sweetspot

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



88.4700, -32.7697, 57.4698



175.1140, -12.8742, 22.7020



71.5000, 18.9805, 72.3525



86.0250, -7.9003, 14.0101



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



88.4700, -32.7697, 57.4698



101.1890, -49.8862, 87.5342



126.0380, -51.2907, 24.5227



73.1530, -2.0474, 3.3738



70.6230, -34.8171, 60.8436



6.2350, -3.0739, 5.9329

Inverse Universe

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



87.5300, 32.7697, -57.4698



99.8110, 49.8862, -87.5342



49.9620, 51.2907, -24.5227



72.8470, 2.0474, -3.3738



69.3770, 34.8171, -60.8436



6.1780, 3.3632, -5.4181

Previews

White Background



This preview shows how the YUV color 88.4700, -32.7697, 57.4698 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 88.4700, -32.7697, 57.4698 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 88.4700, -32.7697, 57.4698

Background



This preview shows how black text looks on a background with the YUV color 88.4700, -32.7697, 57.4698.



This preview shows how white text looks on a background with the YUV color 88.4700, -32.7697,

57.4698.

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

88.4700, -32.7697, 57.4698

Protanopia

90.1780, -30.1608, 13.8759

Deuteranopia

88.8500, -39.3660, 26.4416



Tritanopia

91.9640, -11.8143, 56.1596

Trichromacy



Original Color

88.4700, -32.7697, 57.4698

Protanomaly

89.6360, -31.3725, 29.2602

Deuteranomaly

88.6110, -36.7832, 38.0522

Tritanomaly

90.3140, -19.3818, 56.7296

Monochromacy



Original Color

88.4700, -32.7697, 57.4698

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.3310, -11.9952, 20.7577

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4700, -32.7697, 57.4698 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(154, 68, 22)` looks like.

```
.text, #text, p{  
    color:rgb(154, 68, 22)  
}
```

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(154, 68, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 68, 22) }
```

Border

The CSS property to change the border of an element to YUV 88.4700, -32.7697, 57.4698 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(154, 68, 22) }
```


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

```
.border{ border-color:rgb(154, 68, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 68, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 68, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 68, 22);  
box-shadow:4px 4px 4px 4px rgb(154, 68,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 88.4700, -32.7697, 57.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 68, 22) }
```

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

```
.background{ background-color: rgb(154, 68,  
22) }
```

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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