

Converting Colors

YUV(88.5820, -32.8249,
28.4306)

Have a look what the booklet for
YUV(88.5820, -32.8249, 28.4306)
contains.

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Color

**YUV(88.5820, -32.8249,
28.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	795516
RGB	121, 85, 22
RGB Percent	47%, 33%, 9%
CMY	0.5255, 0.6667, 0.9137
CMYK	0.00, 0.30, 0.82, 0.53
HSL	38°, 69%, 28%
HSV	38°, 82%, 47%
XYZ	11.2785, 10.6199, 2.2145
YIQ	88.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

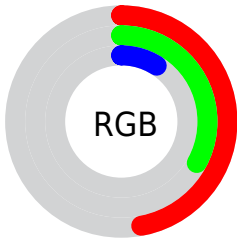
Format	Color
R_{YB}	79, 121, 22
Decimal	7951638
CIE Lab	38.93, 8.92, 40.12
CIE LCh	39, 41.099, 77.462
Yxy	10.6199, 0.4677, 0.4404
Android (android.graphics.Color)	4286141718 (0xFF795516)
YUV	88.5820, -32.8249, 28.4306
Hunter-Lab	32.5881, 4.7480, 18.7828

Details

The YUV color **88.5820, -32.8249, 28.4306** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **54.4180, 32.8249, -28.4306**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6750, -33.8568, 32.7340**, and **43.8120, -21.5993, 21.2129** is the 20% darker color. If you saturate the color by 10%, you get **84.8660, -36.9089, 31.6895**, and if you desaturate by 10%, it is **92.2980, -28.7409, 25.1717**.

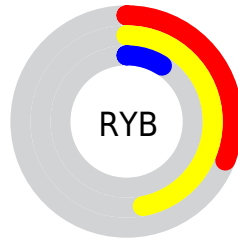
Distribution



Red (47%)

Green (33%)

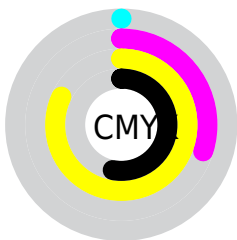
Blue (9%)



Red (31%)

Yellow (47%)

Blue (9%)

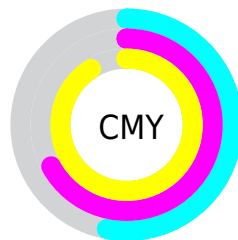


Cyan (0%)

Magenta (30%)

Yellow (82%)

Black (53%)



Cyan (53%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5820, -32.8249, 28.4306 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 88.5820, -32.8249, 28.4306 by changing the saturation by 10% instead.

■ 88.5820, -32.8249,
28.4306

■ 88.5820, -32.8249,
28.4306

255.0000, 0.0000,
0.0000

■ 64.5000, -31.7985,
25.8715

■ 139.6750,
-33.8568, 32.7340

■ 43.8120, -21.5993,
21.2129

■ 166.9310,
-35.4620, 34.2635

■ 24.2980, -11.9789,
15.5247

■ 194.4150,
-36.1936, 35.5930

■ 3.2890, -1.6215,
6.7625

■ 219.2080,
-35.5985, 31.3896

■ 0.0000, 0.0000,
0.0000

■ 239.3090,
-32.1973, 13.7610

■ 248.9580,

-23.1503, 5.2988

■ 252.1500,
-10.9200, 2.4994

■ 88.5820, -32.8249,
28.4306

■ 88.5820, -32.8249,
28.4306

■ 84.8660, -36.9089,
31.6895

■ 92.2980, -28.7409,
25.1717

■ 81.3780, -40.1194,
34.7485

■ 96.6010, -24.9463,
21.3979

■ 100.3170,
-20.8623, 18.1390

■ 104.6200,
-17.0677, 14.3653

■ 108.3360,
-12.9836, 11.1063

■ 112.1660, -8.4628,
7.7474

■ 116.4690, -4.6682,
3.9737

■ 120.1850, -0.5842,
0.7148

■ 124.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



89.9230, -23.1330, 46.5485



88.5820, -32.8249, 28.4306



85.9550, -32.0228, 4.4245

Triad

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



88.5820, -32.8249, 28.4306



76.0500, 17.2304, -66.6958



94.3380, 21.0324, 20.7516

Complementary

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



88.5820, -32.8249, 28.4306



54.4180, 32.8249, -28.4306

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.



89.7610, 32.6558, -20.8384



88.5820, -32.8249, 28.4306



78.1820, 30.4763, -68.5656

Square

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



88.5820, -32.8249, 28.4306



71.4730, 2.2318, -62.6818



76.0110, 39.9276, -66.6616



92.5340, 7.1317, 46.0127

Rectangle

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



88.5820, -32.8249, 28.4306



83.0110, -23.6694, -14.9186



76.0110, 39.9276, -66.6616



93.9990, 25.1435, 8.7709

Sweetspot

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



88.5820, -32.8249, 28.4306



145.3360, -12.9836, 11.1063



55.7050, 1.1314, 57.2637



70.9810, -7.8786, 7.0327



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



88.5820, -32.8249, 28.4306



107.4580, -51.4978, 44.3253



105.8270, -41.3267, 1.9057



59.1420, -2.0420, 1.6295



84.3350, -41.5772, 35.6632



169.8550, -83.7385, 72.0412

Inverse Universe

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



54.4180, 32.8249, -28.4306



54.1290, 51.2084, -44.8401



37.1730, 41.3267, -1.9057



56.8580, 2.0420, -1.6295



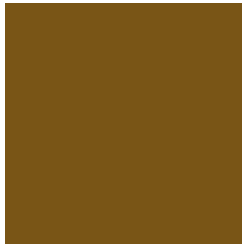
40.6650, 41.5772, -35.6632



82.7320, 83.4491, -72.5560

Previews

White Background



This preview shows how the YUV color 88.5820, -32.8249, 28.4306 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 88.5820, -32.8249, 28.4306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

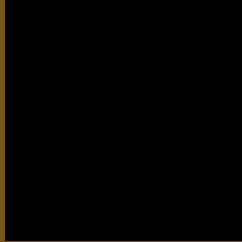
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5820, -32.8249, 28.4306

Background



This preview shows how black text looks on a background with the YUV color 88.5820, -32.8249, 28.4306.



This preview shows how white text looks on a background with the YUV color 88.5820, -32.8249,

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

88.5820, -32.8249, 28.4306

Protanopia

87.5370, -31.3237, 13.5611

Deuteranopia

88.1470, -33.1035, 24.4271



Tritanopia

93.4380, -4.1599, 27.6799

Trichromacy



Original Color

88.5820, -32.8249, 28.4306

Protanomaly

87.7550, -31.9242, 19.5089

Deuteranomaly

88.1580, -33.1089, 26.1714

Tritanomaly

91.6910, -14.6377, 28.3350

Monochromacy



Original Color

88.5820, -32.8249, 28.4306

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2650, -11.9626, 10.2916

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5820, -32.8249, 28.4306 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(121, 85, 22)` looks like.

```
.text, #text, p{  
    color:rgb(121, 85, 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(121, 85, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 85, 22) }
```

Border

The CSS property to change the border of an element to YUV 88.5820, -32.8249, 28.4306 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(121, 85, 22) }
```


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

```
.border{ border-color:rgb(121, 85, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 85, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 85, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 85, 22);  
box-shadow:4px 4px 4px 4px rgb(121, 85,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 88.5820, -32.8249, 28.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 85, 22) }
```

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

```
.background{ background-color: rgb(121, 85,  
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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