

Converting Colors

YUV(88.7710, -29.4671,
24.7568)

Have a look what the booklet for
YUV(88.7710, -29.4671, 24.7568)
contains.

YUV(88.7710, -29.4671, 24.7568)	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(88.7710, -29.4671,
24.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	75561D
RGB	117, 86, 29
RGB Percent	46%, 34%, 11%
CMY	0.5412, 0.6627, 0.8863
CMYK	0.00, 0.26, 0.75, 0.54
HSL	39°, 60%, 29%
HSV	39°, 75%, 46%
XYZ	10.8857, 10.5262, 2.6204
YIQ	88.7710, 36.7730, -11.1550

Conversions

Conversions Part 2

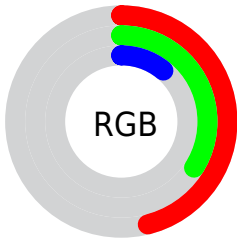
Format	Color
R_{YB}	77, 117, 29
Decimal	7689757
CIE _{Lab}	38.77, 6.73, 36.69
CIE _{LCh}	39, 37.302, 79.599
Yxy	10.5262, 0.4530, 0.4380
Android (android.graphics.Color)	4285879837 (0xFF75561D)
YUV	88.7710, -29.4671, 24.7568
Hunter-Lab	32.4441, 3.1133, 17.9222

Details

The YUV color **88.7710, -29.4671, 24.7568** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **57.2290, 29.4671, -24.7568**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0380, -31.0777, 28.0307**, and **43.5020, -21.4465, 18.8537** is the 20% darker color. If you saturate the color by 10%, you get **85.0550, -33.5511, 28.0158**, and if you desaturate by 10%, it is **92.4870, -25.3831, 21.4979**.

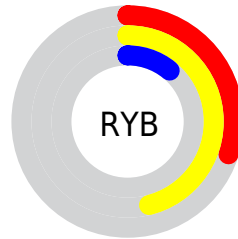
Distribution



Red (46%)

Green (34%)

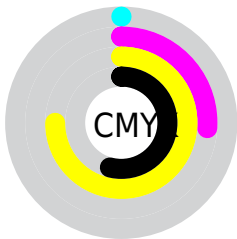
Blue (11%)



Red (30%)

Yellow (46%)

Blue (11%)

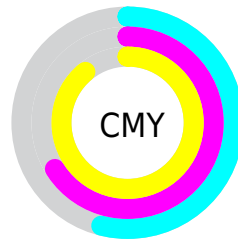


Cyan (0%)

Magenta (26%)

Yellow (75%)

Black (54%)



Cyan (54%)

Magenta (66%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7710, -29.4671, 24.7568 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 88.7710, -29.4671, 24.7568 by changing the saturation by 10% instead.

■ 88.7710, -29.4671,
24.7568

■ 88.7710, -29.4671,
24.7568

255.0000, 0.0000,
0.0000

■ 64.3470, -29.7511,
22.4977

■ 140.0380,
-31.0777, 28.0307

■ 43.5020, -21.4465,
18.8537

■ 166.4080,
-32.2461, 29.4602

■ 24.2870, -11.9735,
13.7803

■ 194.1910,
-33.1252, 31.4045

■ 1.1960, -0.5896,
2.4591

■ 220.4790,
-33.2671, 30.2749

■ 0.0000, 0.0000,
0.0000

■ 240.5800,
-29.8659, 12.6463

■ 249.6420,

-20.5295, 4.6990

■ 252.9480, -7.8624,
1.7996

■ 88.7710, -29.4671,
24.7568

■ 88.7710, -29.4671,
24.7568

■ 85.0550, -33.5511,
28.0158

■ 92.4870, -25.3831,
21.4979

■ 81.4530, -37.1983,
31.1747

■ 96.0890, -21.7359,
18.3389

■ 79.5950, -39.2403,
32.8042

■ 99.8050, -17.6519,
15.0800

■ 103.5210,
-13.5679, 11.8211

■ 107.8240, -9.7732,
8.0474

■ 111.4260, -6.1260,
4.8884

■ 115.1420, -2.0420,
1.6295

■ 118.8580, 2.0420,
-1.6295

■ 122.4600, 5.6892,
-4.7884

Harmonies

Analogous

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



89.9440, -21.6644, 42.1451



88.7710, -29.4671, 24.7568



86.3830, -27.7968, 2.2951

Triad

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



88.7710, -29.4671, 24.7568



74.8760, 17.8091, -65.6663



94.2410, 18.1222, 20.8366

Complementary

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



88.7710, -29.4671, 24.7568



57.2290, 29.4671, -24.7568

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.



90.6540, 28.2716, -14.6056



88.7710, -29.4671, 24.7568



76.6660, 29.7447, -67.2361

Square

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



88.7710, -29.4671, 24.7568



71.2280, 3.8316, -62.4670



74.7400, 37.5962, -65.5470



92.6430, 5.1060, 42.4091

Rectangle

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



88.7710, -29.4671, 24.7568



83.2220, -20.3224, -15.1037



74.7400, 37.5962, -65.5470



93.7990, 21.7911, 10.7003

Sweetspot

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



88.7710, -29.4671, 24.7568



141.9660, -11.8152, 9.6768



58.9600, 1.0057, 50.9011



69.7960, -7.2944, 6.3179



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



88.7710, -29.4671, 24.7568



108.5050, -46.0980, 39.0221



103.3800, -36.6693, 1.4207



57.1420, -2.0420, 1.6295



82.8510, -40.8455, 34.3337



169.8440, -83.7331, 70.2968

Inverse Universe

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



57.2290, 29.4671, -24.7568



59.4950, 46.0980, -39.0221



42.6200, 36.6693, -1.4207



54.8580, 2.0420, -1.6295



39.1490, 40.8455, -34.3337



80.1560, 83.7331, -70.2968

Previews

White Background



This preview shows how the YUV color 88.7710, -29.4671, 24.7568 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 88.7710, -29.4671, 24.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

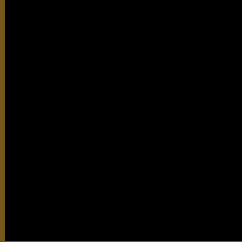
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7710, -29.4671, 24.7568

Background



This preview shows how black text looks on a background with the YUV color 88.7710, -29.4671, 24.7568.



This preview shows how white text looks on a background with the YUV color 88.7710, -29.4671,

24.7568.

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

88.7710, -29.4671, 24.7568

Protanopia

88.3350, -28.2662, 12.8612

Deuteranopia

88.7600, -29.4617, 23.0125



Tritanopia

93.0570, -2.9861, 24.5060

Trichromacy



Original Color

88.7710, -29.4671, 24.7568

Protanomaly

88.5420, -28.8612, 17.0647

Deuteranomaly

89.0590, -29.6091, 23.6273

Tritanomaly

91.5380, -12.5902, 24.9612

Monochromacy



Original Color

88.7710, -29.4671, 24.7568

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8950, -10.7942, 8.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7710, -29.4671, 24.7568 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(117, 86, 29)` looks like.

```
.text, #text, p{  
    color:rgb(117, 86, 29)  
}
```

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(117, 86, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 86, 29) }
```

Border

The CSS property to change the border of an element to YUV 88.7710, -29.4671, 24.7568 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(117, 86, 29) }
```


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

```
.border{ border-color:rgb(117, 86, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 86, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 86, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 86, 29);  
box-shadow:4px 4px 4px 4px rgb(117, 86,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 88.7710, -29.4671, 24.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 86, 29) }
```

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

```
.background{ background-color: rgb(117, 86,  
29) }
```

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