

Converting Colors

YUV(89.7700, -24.5366,
30.0197)

Have a look what the booklet for
YUV(89.7700, -24.5366, 30.0197)
contains.

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Color

**YUV(89.7700, -24.5366,
30.0197)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5228
RGB	124, 82, 40
RGB Percent	49%, 32%, 16%
CMY	0.5137, 0.6784, 0.8431
CMYK	0.00, 0.34, 0.68, 0.51
HSL	30°, 51%, 32%
HSV	30°, 68%, 49%
XYZ	11.7125, 10.4729, 3.4116
YIQ	89.7700, 38.5140, -4.1580

Conversions

Conversions Part 2

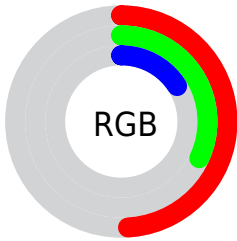
Format	Color
R_{YB}	124, 124, 40
Decimal	8147496
CIE _{Lab}	38.68, 13.13, 31.22
CIE _{LCh}	39, 33.870, 67.188
Yxy	10.4729, 0.4576, 0.4091
Android (android.graphics.Color)	4286337576 (0xFF7C5228)
YUV	89.7700, -24.5366, 30.0197
Hunter-Lab	32.3618, 7.9700, 16.4028

Details

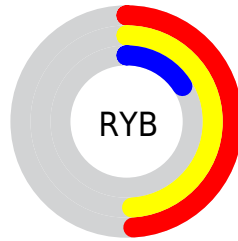
The YUV color **89.7700, -24.5366, 30.0197** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **74.2300, 24.5366, -30.0197**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3360, -26.2946, 33.9083**, and **43.2470, -21.3208, 25.2164** is the 20% darker color. If you saturate the color by 10%, you get **84.8800, -28.0418, 34.3082**, and if you desaturate by 10%, it is **94.6600, -21.0314, 25.7312**.

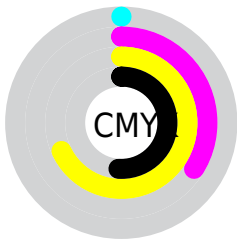
Distribution



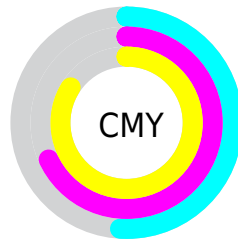
- Red (49%)
- Green (32%)
- Blue (16%)



- Red (49%)
- Yellow (49%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (68%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7700, -24.5366, 30.0197 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 89.7700, -24.5366, 30.0197 by changing the saturation by 10% instead.

■ 89.7700, -24.5366,
30.0197

■ 89.7700, -24.5366,
30.0197

■ 255.0000, 0.0000,
0.0000

■ 65.6880, -23.5102,
27.4606

■ 140.3360,
-26.2946, 33.9083

■ 43.2470, -21.3208,
25.2164

■ 167.7060,
-27.4631, 35.3378

■ 23.7330, -11.7004,
19.5282

■ 195.0760,
-28.6315, 36.7673

■ 5.3820, -2.6533,
11.0660

■ 219.3850,
-27.3048, 31.2344

■ 0.0000, 0.0000,
0.0000

■ 239.4860,
-23.9036, 13.6058

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

89.7700, -24.5366,
30.0197

89.7700, -24.5366,
30.0197

84.8800, -28.0418,
34.3082

94.6600, -21.0314,
25.7312

79.8760, -31.9839,
38.6967

99.6640, -17.0894,
21.3427

74.3990, -35.1997,
43.5001

105.1410,
-13.8735, 16.5393

73.4700, -36.2207,
44.3148

110.1450, -9.9315,
12.1508

115.0350, -6.4263,
7.8623

■ 119.9250, -2.9210,
3.5738

■ 124.9290, 1.0210,
-0.8147

■ 130.4060, 4.2368,
-5.6181

■ 135.4100, 8.1789,
-10.0066

Harmonies

Analogous

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



90.5510, -15.5546, 42.4898



89.7700, -24.5366, 30.0197



88.0790, -26.6609, 11.3317

Triad

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



89.7700, -24.5366, 30.0197



72.6930, 11.9834, -63.7518



93.4350, 20.4915, 7.5115

Complementary

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



89.7700, -24.5366, 30.0197



74.2300, 24.5366, -30.0197

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.



86.7940, 29.1886, -28.7603



89.7700, -24.5366, 30.0197



75.1840, 24.0663, -65.9364

Square

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



89.7700, -24.5366, 30.0197



77.5960, -4.2378, -40.8647



74.7740, 32.6494, -65.5768



93.4290, 9.6485, 32.0728

Rectangle

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



89.7700, -24.5366, 30.0197



86.0170, -22.6864, -3.5229



74.7740, 32.6494, -65.5768



92.4660, 23.4343, -3.0397

Sweetspot

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



89.7700, -24.5366, 30.0197



147.9600, -9.3473, 11.4361



69.9040, 5.9633, 47.4422



73.8500, -5.8420, 7.1476



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.7700, -24.5366, 30.0197



108.0250, -37.9733, 46.4591



114.4240, -36.6910, 8.3982



58.5550, -1.7526, 2.1443



73.7690, -36.3681, 44.9296



149.3100, -73.6098, 90.0591

Inverse Universe

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



74.2300, 24.5366, -30.0197



83.9750, 37.9733, -46.4591



49.5760, 36.6910, -8.3982



57.4450, 1.7526, -2.1443



50.6440, 36.6575, -44.4148



102.6900, 73.6098, -90.0591

Previews

White Background



This preview shows how the YUV color 89.7700, -24.5366, 30.0197 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 89.7700, -24.5366, 30.0197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

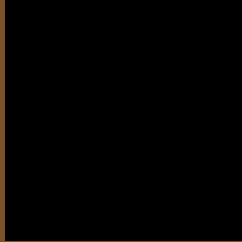
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.7700, -24.5366, 30.0197

Background



This preview shows how black text looks on a background with the YUV color 89.7700, -24.5366, 30.0197.



This preview shows how white text looks on a background with the YUV color 89.7700, -24.5366,

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

89.7700, -24.5366, 30.0197

Protanopia

89.1050, -22.7298, 10.4319

Deuteranopia

89.6010, -24.9463, 21.3979



Tritanopia

92.6340, -4.7496, 30.1390

Trichromacy



Original Color

89.7700, -24.5366, 30.0197

Protanomaly

89.0350, -23.1883, 17.5093

Deuteranomaly

89.6230, -24.9571, 24.8866

Tritanomaly

91.6850, -12.1697, 30.0943

Monochromacy



Original Color

89.7700, -24.5366, 30.0197

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7750, -8.7631, 10.7213

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7700, -24.5366, 30.0197 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(124, 82, 40)` looks like.

```
.text, #text, p{  
    color:rgb(124, 82, 40)  
}
```

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(124, 82, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 82, 40) }
```

Border

The CSS property to change the border of an element to YUV 89.7700, -24.5366, 30.0197 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(124, 82, 40) }
```


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

```
.border{ border-color:rgb(124, 82, 40) }
```

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

Here you see how a box with a 4 pixel rgb(124, 82, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 82, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 82, 40);  
box-shadow:4px 4px 4px 4px rgb(124, 82,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 89.7700, -24.5366, 30.0197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 82, 40) }
```

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

```
.background{ background-color: rgb(124, 82,  
40) }
```

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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