

Converting Colors

YUV(75.6930, -17.5966,
44.1192)

Have a look what the booklet for
YUV(75.6930, -17.5966, 44.1192)
contains.

YUV(75.6930, -17.5966, 44.1192)	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(75.6930, -17.5966,
44.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	7E3928
RGB	126, 57, 40
RGB Percent	49%, 22%, 16%
CMY	0.5059, 0.7765, 0.8431
CMYK	0.00, 0.55, 0.68, 0.51
HSL	12°, 52%, 33%
HSV	12°, 68%, 49%
XYZ	10.4503, 7.5151, 2.9072
YIQ	75.6930, 46.5810, 9.3410

Conversions

Conversions Part 2

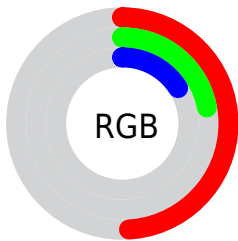
Format	Color
R_{YB}	126, 61, 40
Decimal	8272168
CIE Lab	32.95, 28.53, 24.62
CIE LCh	33, 37.689, 40.791
Yxy	7.5151, 0.5007, 0.3600
Android (android.graphics.Color)	4286462248 (0xFF7E3928)
YUV	75.6930, -17.5966, 44.1192
Hunter-Lab	27.4136, 20.0719, 12.9018

Details

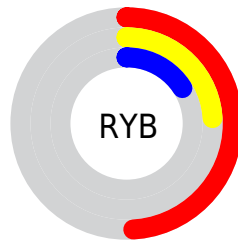
The YUV color **75.6930, -17.5966, 44.1192** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **90.3070, 17.5966, -44.1192**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7430, -20.0863, 49.3374**, and **26.8110, -13.2178, 39.6308** is the 20% darker color. If you saturate the color by 10%, you get **68.3410, -20.3811, 50.5669**, and if you desaturate by 10%, it is **83.0450, -14.8122, 37.6715**.

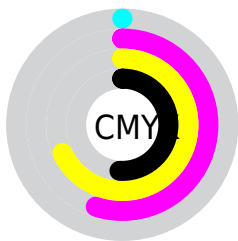
Distribution



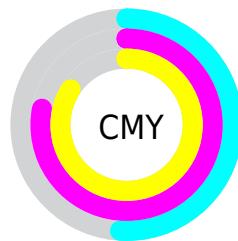
- Red (49%)
- Green (22%)
- Blue (16%)



- Red (49%)
- Yellow (24%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (68%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6930, -17.5966, 44.1192 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 75.6930, -17.5966, 44.1192 by changing the saturation by 10% instead.

■ 75.6930, -17.5966,
44.1192

■ 75.6930, -17.5966,
44.1192

255.0000, 0.0000,
0.0000

■ 51.4260, -15.9860,
40.8454

■ 126.7430,
-20.0863, 49.3374

■ 26.8110, -13.2178,
39.6308

■ 153.4120,
-21.4021, 51.3817

■ 14.0530, -6.9281,
28.8945

■ 180.6080,
-21.9917, 53.8408

■ 0.0000, 0.0000,
0.0000

■ 203.3080,
-20.3648, 45.3339

■ 222.8220,
-16.6742, 28.2201

■ 243.0370,

-12.8362, 10.4916

253.8600, -4.3680,
0.9998

75.6930, -17.5966,
44.1192

75.6930, -17.5966,
44.1192

68.3410, -20.3811,
50.5669

83.0450, -14.8122,
37.6715

61.1030, -22.7288,
56.9147

90.2830, -12.4645,
31.3238

53.7510, -25.5132,
63.3624

97.6350, -9.6801,
24.8761

52.3490, -25.8081,
64.5919

104.8730, -7.3324,
18.5284

112.8120, -4.8373,
11.5659

■ 120.1640, -2.0529,
5.1182

■ 127.4020, 0.2948,
-1.2296

■ 134.7540, 3.0793,
-7.6773

■ 141.9920, 5.4269,
-14.0250

Harmonies

Analogous

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



75.9830, -3.9356, 49.1269



75.6930, -17.5966, 44.1192



74.8470, -28.0256, 29.0752

Triad

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



75.6930, -17.5966, 44.1192



59.3280, -1.1477, -52.0307



71.7660, 31.6674, -30.4898

Complementary

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



75.6930, -17.5966, 44.1192



90.3070, 17.5966, -44.1192

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.



65.7580, 33.6433, -57.6698



75.6930, -17.5966, 44.1192



64.0360, 11.8143, -56.1596

Square

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



75.6930, -17.5966, 44.1192



69.3250, -19.8802, -16.9480



66.6410, 24.3340, -58.4442



79.9840, 21.2069, 11.4150

Rectangle

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



75.6930, -17.5966, 44.1192



73.3740, -30.7504, 16.3350



66.6410, 24.3340, -58.4442



63.1650, 36.4007, -55.3957

Sweetspot

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



75.6930, -17.5966, 44.1192



144.0900, -6.4534, 16.5841



73.6940, 17.8989, 45.8724



70.3280, -4.1057, 10.2363



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.



75.6930, -17.5966, 44.1192



84.9150, -27.5661, 68.4805



100.3470, -29.7511, 22.4977



60.2670, -1.6106, 3.2738



52.9470, -26.1029, 65.8215



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.3070, 17.5966, -44.1192



107.6720, 27.2767, -68.9953



65.6530, 29.7511, -22.4977



60.7330, 1.6106, -3.2738



74.4660, 26.3923, -65.3067



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.6930, -17.5966, 44.1192 looks on a white background.

Color Contrast Check

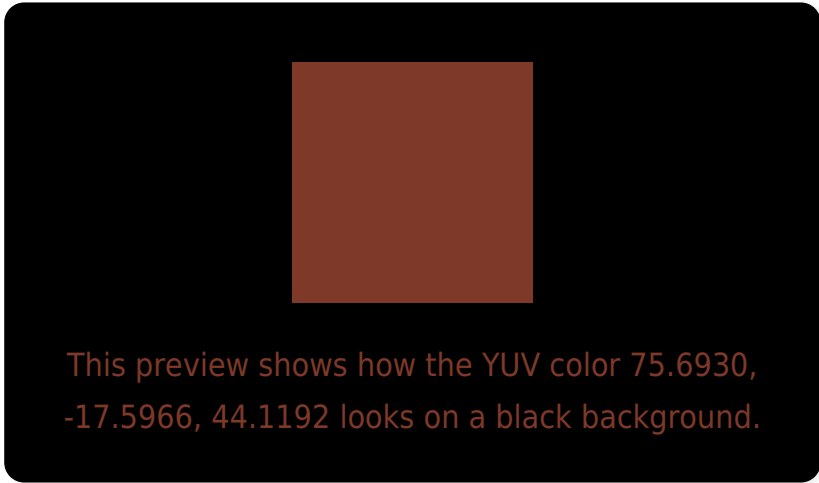
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 75.6930, -17.5966, 44.1192

Background



This preview shows how black text looks on a background with the YUV color 75.6930, -17.5966, 44.1192.



This preview shows how white text looks on a background with the YUV color 75.6930, -17.5966,

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

75.6930, -17.5966, 44.1192

Protanopia

76.8580, -14.7200, 8.0175

Deuteranopia

77.1320, -20.2781, 17.4242



Tritanopia

76.8700, -9.3029, 43.9640

Trichromacy



Original Color

75.6930, -17.5966, 44.1192

Protanomaly

76.3050, -15.9264, 21.6575

Deuteranomaly

76.4260, -19.4370, 27.6904

Tritanomaly

76.6590, -12.6499, 44.1491

Monochromacy



Original Color

75.6930, -17.5966, 44.1192

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7910, -6.3060, 15.9693

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6930, -17.5966, 44.1192 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(126, 57, 40)` looks like.

```
.text, #text, p{  
    color:rgb(126, 57, 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(126, 57, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 57, 40) }
```

Border

The CSS property to change the border of an element to YUV 75.6930, -17.5966, 44.1192 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(126, 57, 40) }
```


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

```
.border{ border-color:rgb(126, 57, 40) }
```

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

Here you see how a box with a 4 pixel rgb(126, 57, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 57, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 57, 40);  
box-shadow:4px 4px 4px 4px rgb(126, 57,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 75.6930, -17.5966, 44.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 57, 40) }
```

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

```
.background{ background-color: rgb(126, 57,  
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](#).

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