

Converting Colors

YUV(77.9400, -8.8444, 36.8866)

Have a look what the booklet for
YUV(77.9400, -8.8444, 36.8866)
contains.

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Color

**YUV(77.9400, -8.8444,
36.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	783C3C
RGB	120, 60, 60
RGB Percent	47%, 24%, 24%
CMY	0.5294, 0.7647, 0.7647
CMYK	0.00, 0.50, 0.50, 0.53
HSL	0°, 33%, 35%
HSV	0°, 50%, 47%
XYZ	10.1772, 7.5510, 5.1961
YIQ	77.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

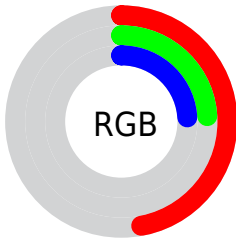
Format	Color
R_{YB}	120, 60, 60
Decimal	7879740
CIE _{Lab}	33.03, 26.09, 11.99
CIE _{LCh}	33, 28.716, 24.679
Yxy	7.5510, 0.4439, 0.3294
Android (android.graphics.Color)	4286069820 (0xFF783C3C)
YUV	77.9400, -8.8444, 36.8866
Hunter-Lab	27.4791, 18.0209, 8.0242

Details

The YUV color **77.9400, -8.8444, 36.8866** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.0600, 8.8444, -36.8866**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.5060, -10.6025, 40.7752**, and **30.6020, -6.2128, 32.7980** is the 20% darker color. If you saturate the color by 10%, you get **69.5280, -10.6133, 44.2639**, and if you desaturate by 10%, it is **86.3520, -7.0755, 29.5093**.

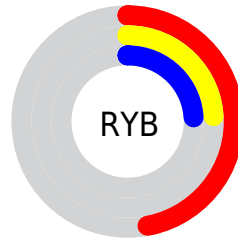
Distribution



Red (47%)

Green (24%)

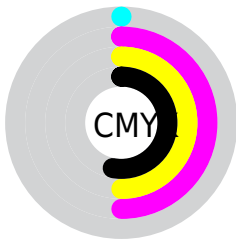
Blue (24%)



Red (47%)

Yellow (24%)

Blue (24%)

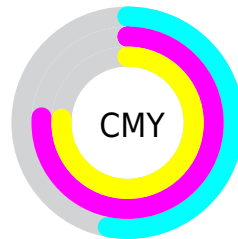


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9400, -8.8444, 36.8866 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 77.9400, -8.8444, 36.8866 by changing the saturation by 10% instead.

■ 77.9400, -8.8444,
36.8866

■ 77.9400, -8.8444,
36.8866

■ 255.0000, 0.0000,
0.0000

■ 54.1570, -7.9654,
34.9423

■ 128.5060,
-10.6025, 40.7752

■ 30.6020, -6.2128,
32.7980

■ 154.9900,
-11.3341, 42.1048

■ 13.4550, -6.6333,
27.6650

■ 182.0010,
-11.3395, 43.8491

■ 0.0000, 0.0000,
0.0000

■ 207.6910,
-11.1867, 41.4900

■ 227.3190, -7.0593,
24.2762

■ 247.6480, -2.7845,

6.4477

■ 77.9400, -8.8444,
36.8866

■ 77.9400, -8.8444,
36.8866

■ 69.5280, -10.6133,
44.2639

■ 86.3520, -7.0755,
29.5093

■ 61.1160, -12.3822,
51.6413

■ 94.7640, -5.3067,
22.1320

■ 52.7040, -14.1511,
59.0186

■ 103.1760, -3.5378,
14.7546

■ 44.2920, -15.9200,
66.3959

■ 111.5880, -1.7689,
7.3773

■ 35.8800, -17.6888,
73.7732

■ 120.0000, 0.0000,
0.0000

■ 128.4120, 1.7689,
-7.3773

■ 136.8240, 3.5378,
-14.7546

■ 145.2360, 5.3067,
-22.1320

■ 153.6480, 7.0755,
-29.5093

Harmonies

Analogous

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



79.0780, 1.9335, 33.2576



77.9400, -8.8444, 36.8866



77.1920, -17.8427, 29.6496

Triad

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



77.9400, -8.8444, 36.8866



70.3380, -9.5336, -22.2214



69.0440, 26.6003, -38.6266

Complementary

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



77.9400, -8.8444, 36.8866



102.0600, 8.8444, -36.8866

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.



64.0650, 24.6180, -56.1850



77.9400, -8.8444, 36.8866



60.5650, 6.1305, -53.1155

Square

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



77.9400, -8.8444, 36.8866



73.6520, -19.0554, -1.4488



63.1870, 16.1768, -55.4150



78.2440, 20.0927, -4.5990

Rectangle

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



77.9400, -8.8444, 36.8866



76.2250, -21.3099, 21.7277



63.1870, 16.1768, -55.4150



62.5150, 28.8331, -54.8257

Sweetspot

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



77.9400, -8.8444, 36.8866



139.1760, -3.5378, 14.7546



84.7800, 17.3635, 30.8879



69.1860, -2.0637, 8.6069



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.



77.9400, -8.8444, 36.8866



90.1060, -13.8563, 57.7890



95.5500, -17.5261, 21.4427



56.7940, -0.8844, 3.6887



37.3750, -18.4259, 76.8471



75.3480, -37.1466, 154.9238

Inverse Universe

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



102.0600, 8.8444, -36.8866



127.8940, 13.8563, -57.7890



84.4500, 17.5262, -21.4426



59.2060, 0.8844, -3.6887



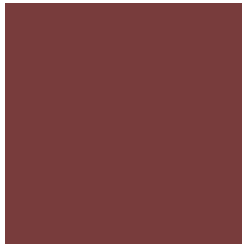
87.6250, 18.4259, -76.8471



176.6520, 37.1466, -154.9238

Previews

White Background



This preview shows how the YUV color 77.9400, -8.8444, 36.8866 looks on a white background.

Color Contrast Check

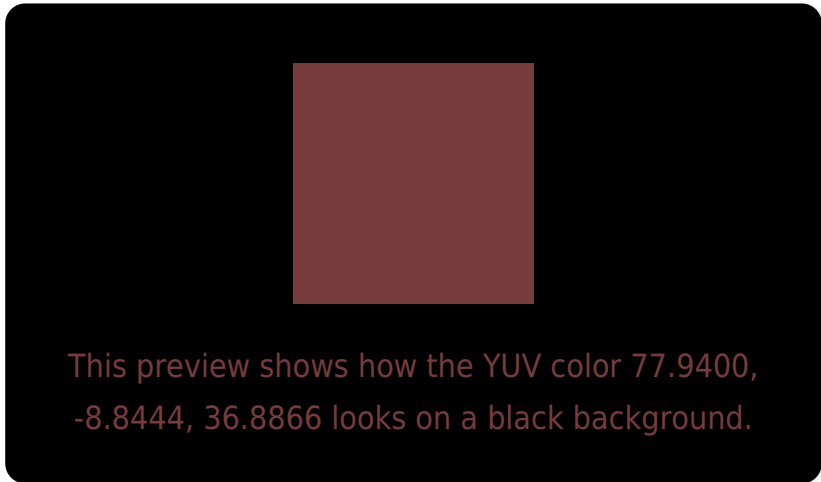
Large Text (above 18pt) WCAG AA ✓ Pass

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

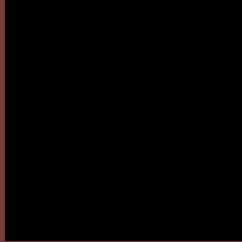
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9400, -8.8444, 36.8866

Background



This preview shows how black text looks on a background with the YUV color 77.9400, -8.8444, 36.8866.

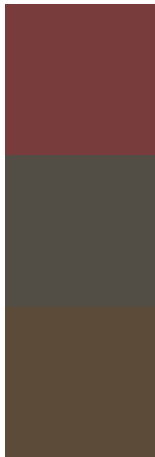


This preview shows how white text looks on a background with the YUV color 77.9400, -8.8444,

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

77.9400, -8.8444, 36.8866

Protanopia

78.1700, -4.5208, 3.3589

Deuteranopia

78.3300, -10.5157, 12.8656



Tritanopia

77.8090, -6.8078, 37.0015

Trichromacy



Original Color

77.9400, -8.8444, 36.8866

Protanomaly

77.9050, -5.8692, 15.8693

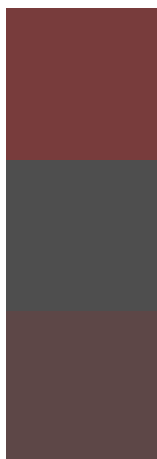
Deuteranomaly

78.4990, -10.1060, 21.4874

Tritanomaly

77.6950, -7.2446, 37.1015

Monochromacy



Original Color

77.9400, -8.8444, 36.8866

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.5780, -3.2430, 13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9400, -8.8444, 36.8866 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(120, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(120, 60, 60)  
}
```

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(120, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 60, 60) }
```

Border

The CSS property to change the border of an element to YUV 77.9400, -8.8444, 36.8866 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(120, 60, 60) }
```


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

```
.border{ border-color:rgb(120, 60, 60) }
```

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

Here you see how a box with a 4 pixel rgb(120, 60, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 60, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 60, 60);  
box-shadow:4px 4px 4px 4px rgb(120, 60,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 77.9400, -8.8444, 36.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 60, 60) }
```

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

```
.background{ background-color: rgb(120, 60,  
60) }
```

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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