

Converting Colors

YUV(78.4130, -9.5706, 36.4718)

Have a look what the booklet for
YUV(78.4130, -9.5706, 36.4718)
contains.

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Color

**YUV(78.4130, -9.5706,
36.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	783D3B
RGB	120, 61, 59
RGB Percent	47%, 24%, 23%
CMY	0.5294, 0.7608, 0.7686
CMYK	0.00, 0.49, 0.51, 0.53
HSL	2°, 34%, 35%
HSV	2°, 51%, 47%
XYZ	10.2039, 7.6463, 5.0758
YIQ	78.4130, 35.8060, 11.8860

Conversions

Conversions Part 2

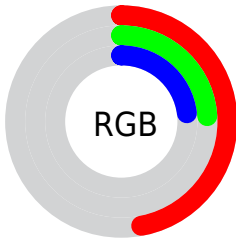
Format	Color
R_{YB}	120, 61, 59
Decimal	7879995
CIE Lab	33.24, 25.42, 12.91
CIE LCh	33, 28.506, 26.926
Yxy	7.6463, 0.4451, 0.3335
Android (android.graphics.Color)	4286070075 (0xFF783D3B)
YUV	78.4130, -9.5706, 36.4718
Hunter-Lab	27.6520, 17.4775, 8.4732

Details

The YUV color **78.4130, -9.5706, 36.4718** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.5870, 9.5706, -36.4718**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.9790, -11.3286, 40.3604**, and **31.0750, -6.9390, 32.3832** is the 20% darker color. If you saturate the color by 10%, you get **70.0010, -11.3395, 43.8491**, and if you desaturate by 10%, it is **86.8250, -7.8017, 29.0945**.

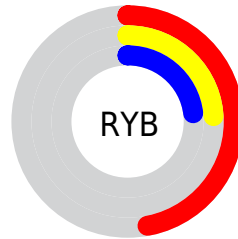
Distribution



Red (47%)

Green (24%)

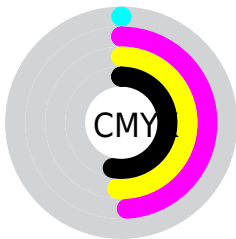
Blue (23%)



Red (47%)

Yellow (24%)

Blue (23%)

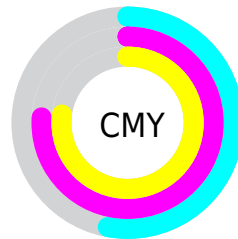


Cyan (0%)

Magenta (49%)

Yellow (51%)

Black (53%)



Cyan (53%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.4130, -9.5706, 36.4718 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 78.4130, -9.5706, 36.4718 by changing the saturation by 10% instead.

■ 78.4130, -9.5706,
36.4718

■ 78.4130, -9.5706,
36.4718

■ 255.0000, 0.0000,
0.0000

■ 54.6300, -8.6916,
34.5275

■ 128.9790,
-11.3286, 40.3604

■ 31.0750, -6.9390,
32.3832

■ 155.4630,
-12.0603, 41.6899

■ 13.4550, -6.6333,
27.6650

■ 182.3600,
-12.5025, 43.5343

■ 0.0000, 0.0000,
0.0000

■ 208.1640,
-11.9129, 41.0752

■ 227.7920, -7.7855,
23.8614

■ 248.0070, -3.9475,

■ 78.4130, -9.5706,
36.4718

■ 78.4130, -9.5706,
36.4718

■ 70.0010, -11.3395,
43.8491

■ 86.8250, -7.8017,
29.0945

■ 62.1760, -13.3978,
50.7116

■ 94.6500, -5.7434,
22.2320

■ 53.7640, -15.1667,
58.0890

■ 103.0620, -3.9746,
14.8546

■ 45.9390, -17.2249,
64.9515

■ 110.8870, -1.9163,
7.9921

■ 38.2280, -18.8464,
71.7140

■ 119.2990, -0.1474,
0.6148

■ 127.7110, 1.6215,
-6.7625

■ 135.5360, 3.6798,
-13.6251

■ 143.9480, 5.4486,
-21.0024

■ 151.7730, 7.5069,
-27.8649

Harmonies

Analogous

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



79.1490, 0.9125, 34.0723



78.4130, -9.5706, 36.4718



77.7790, -18.1320, 29.1348

Triad

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



78.4130, -9.5706, 36.4718



69.9680, -8.3652, -23.6509



71.1370, 25.5685, -34.3231

Complementary

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



78.4130, -9.5706, 36.4718



100.5870, 9.5706, -36.4718

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.



64.1790, 25.0548, -56.2850



78.4130, -9.5706, 36.4718



60.7930, 7.0041, -53.3155

Square

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



78.4130, -9.5706, 36.4718



74.0540, -18.7606, -2.6784



63.4150, 17.0504, -55.6150



79.0270, 19.2137, -2.6547

Rectangle

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



78.4130, -9.5706, 36.4718



76.6270, -21.0151, 20.4981



63.4150, 17.0504, -55.6150



62.6290, 29.2699, -54.9256

Sweetspot

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



78.4130, -9.5706, 36.4718



139.7630, -3.8272, 14.2398



84.0790, 17.2161, 31.5027



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.



78.4130, -9.5706, 36.4718



91.1660, -14.8718, 56.8594



96.0230, -18.2523, 21.0278



56.7940, -0.8844, 3.6887



39.7230, -19.5834, 74.7879



80.0440, -39.4617, 150.8054

Inverse Universe

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



100.5870, 9.5706, -36.4718



125.2470, 15.1612, -56.3446



82.9770, 18.2523, -21.0278



59.2060, 0.8844, -3.6887



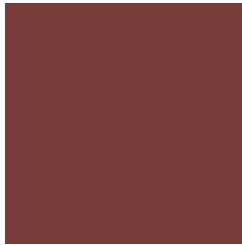
85.2770, 19.5834, -74.7879



171.9560, 39.4617, -150.8054

Previews

White Background



This preview shows how the YUV color 78.4130, -9.5706, 36.4718 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



This preview shows how the YUV color 78.4130, -9.5706, 36.4718 looks on a 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 78.4130, -9.5706, 36.4718

Background



This preview shows how black text looks on a background with the YUV color 78.4130, -9.5706, 36.4718.

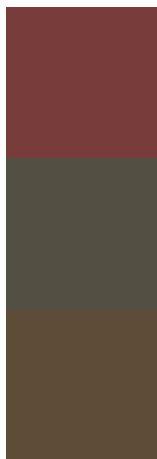


This preview shows how white text looks on a background with the YUV color 78.4130, -9.5706,

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

78.4130, -9.5706, 36.4718

Protanopia

78.8280, -5.8312, 3.6588

Deuteranopia

78.5150, -11.0999, 13.5803



Tritanopia

78.3960, -7.0972, 36.4867

Trichromacy



Original Color

78.4130, -9.5706, 36.4718

Protanomaly

78.2640, -7.0322, 15.5545

Deuteranomaly

78.3850, -10.5428, 21.5874

Tritanomaly

78.1680, -7.9708, 36.6867

Monochromacy



Original Color

78.4130, -9.5706, 36.4718

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1650, -3.5323, 13.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4130, -9.5706, 36.4718 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, 61, 59)` looks like.

```
.text, #text, p{  
    color:rgb(120, 61, 59)  
}
```

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, 61, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 61, 59) }
```

Border

The CSS property to change the border of an element to YUV 78.4130, -9.5706, 36.4718 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, 61, 59) }
```


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

```
.border{ border-color:rgb(120, 61, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 61, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 61, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 61, 59);  
box-shadow:4px 4px 4px 4px rgb(120, 61,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 78.4130, -9.5706, 36.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 61, 59) }
```

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

```
.background{ background-color: rgb(120, 61,  
59) }
```

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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