

Converting Colors

YUV(78.4170, -12.5306, 5.7733)

Have a look what the booklet for
YUV(78.4170, -12.5306, 5.7733)
contains.

YUV(78.4170, -12.5306, 5.7733)	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(78.4170, -12.5306,
5.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	555035
RGB	85, 80, 53
RGB Percent	33%, 31%, 21%
CMY	0.6667, 0.6863, 0.7922
CMYK	0.00, 0.06, 0.38, 0.67
HSL	51°, 23%, 27%
HSV	51°, 38%, 33%
XYZ	7.2576, 7.9257, 4.5154
YIQ	78.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

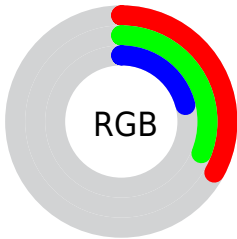
Format	Color
R_{YB}	59, 85, 53
Decimal	5591093
CIE _{Lab}	33.83, -2.65, 16.68
CIE _{LCh}	34, 16.892, 99.030
Yxy	7.9257, 0.3684, 0.4023
Android (android.graphics.Color)	4283781173 (0xFF555035)
YUV	78.4170, -12.5306, 5.7733
Hunter-Lab	28.1525, -3.2506, 10.1971




Details

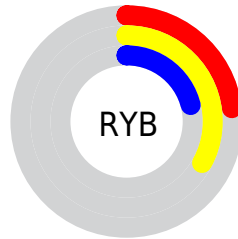
The YUV color **78.4170, -12.5306, 5.7733** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.5830, 12.5306, -5.7733**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **127.4880, -13.5516, 6.5880**, and **33.8190, -12.2358, 4.5437** is the 20% darker color. If you saturate the color by 10%, you get **76.9180, -15.7356, 7.0879**, and if you desaturate by 10%, it is **79.9160, -9.3256, 4.4587**.

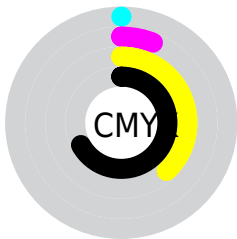
Distribution







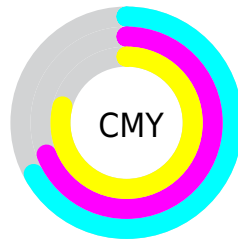
-  Red (33%)
-  Green (31%)
-  Blue (21%)






-  Red (23%)
-  Yellow (33%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (6%)
-  Yellow (38%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (69%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.4170, -12.5306, 5.7733 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 78.4170, -12.5306, 5.7733 by changing the saturation by 10% instead.

■ 78.4170, -12.5306,
5.7733

■ 78.4170, -12.5306,
5.7733

■ 255.0000, 0.0000,
0.0000

■ 55.2320, -11.9464,
5.0585

■ 127.4880,
-13.5516, 6.5880

■ 33.8190, -12.2358,
4.5437

■ 153.6730,
-14.1358, 7.3028

■ 12.9910, -6.4046,
0.8849

■ 180.5590,
-14.5726, 7.4028

■ 0.0000, 0.0000,
0.0000

■ 207.8580,
-14.7200, 8.0175

■ 236.3310,
-15.4462, 7.6027

■ 252.4920, -9.6096,

2.1995

■ 78.4170, -12.5306,
5.7733

■ 78.4170, -12.5306,
5.7733

■ 76.9180, -15.7356,
7.0879

■ 79.9160, -9.3256,
4.4587

■ 74.7180, -19.0880,
9.0173

■ 82.1160, -5.9732,
2.5293

■ 73.2190, -22.2930,
10.3319

■ 83.6150, -2.7682,
1.2146

■ 71.6060, -25.9348,
11.7465

■ 85.2280, 0.8736,
-0.2000

■ 69.4060, -29.2872,
13.6759

■ 87.3140, 3.7892,
-2.0294

■ 67.9070, -32.4922,
14.9906

■ 88.9270, 7.4310,
-3.4440

■ 67.6790, -33.3657,
15.1905

■ 90.5400, 11.0728,
-4.8586

■ 92.6260, 13.9884,
-6.6880

■ 94.1250, 17.1934,
-8.0026

Harmonies

Analogous

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



79.2980, -11.9789, 15.5247



78.4170, -12.5306, 5.7733



76.8500, -9.2930, -6.0074

Triad

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



78.4170, -12.5306, 5.7733



72.7880, 11.4435, -30.5091



81.7230, 3.5876, 16.0289

Complementary

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



78.4170, -12.5306, 5.7733



59.5830, 12.5306, -5.7733

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.



81.4380, 9.1511, 4.8779



78.4170, -12.5306, 5.7733



75.8150, 13.8952, -23.5168

Square

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



78.4170, -12.5306, 5.7733



72.7900, 5.0335, -27.8798



78.7890, 13.4150, -9.4620



81.4480, -2.6859, 21.5321

Rectangle

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



78.4170, -12.5306, 5.7733



75.8320, -5.3402, -13.8847



78.7890, 13.4150, -9.4620



81.6840, 6.0718, 12.5551

Sweetspot

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



78.4170, -12.5306, 5.7733



107.4580, -4.6628, 2.2293



63.1380, -2.5330, 19.1730



54.6150, -2.7682, 1.2146



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



78.4170, -12.5306, 5.7733



99.6040, -19.5248, 9.1173



78.0630, -12.3561, -3.5633



42.5440, -1.7472, 0.3999



84.8230, -41.8177, 19.4492



186.4910, -91.9401, 42.5424

Inverse Universe

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



59.5830, 12.5306, -5.7733



70.3960, 19.5248, -9.1173



59.9370, 12.3561, 3.5633



40.0430, 1.4578, -0.9147



22.1770, 41.8177, -19.4492



48.5090, 91.9401, -42.5424

Previews

White Background



This preview shows how the YUV color 78.4170, -12.5306, 5.7733 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 78.4170, -12.5306, 5.7733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

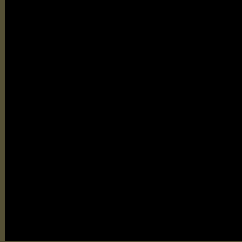
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.4170, -12.5306, 5.7733

Background



This preview shows how black text looks on a background with the YUV color 78.4170, -12.5306, 5.7733.

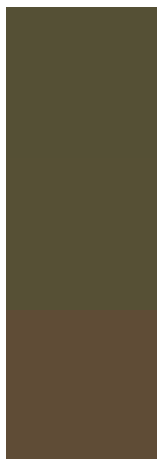


This preview shows how white text looks on a background with the YUV color 78.4170, -12.5306,

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

78.4170, -12.5306, 5.7733

Protanopia

78.7160, -12.6780, 6.3881

Deuteranopia

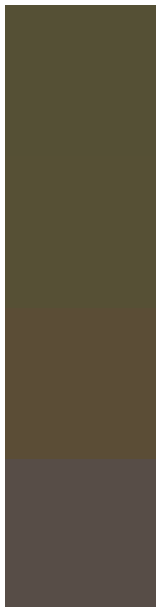
79.1730, -12.4103, 13.8803



Tritanopia

80.2720, 0.8519, 6.7775

Trichromacy



Original Color

78.4170, -12.5306, 5.7733

Protanomaly

78.7160, -12.6780, 6.3881

Deuteranomaly

78.5640, -12.1101, 10.9064

Tritanomaly

79.3060, -4.0949, 6.7476

Monochromacy



Original Color

78.4170, -12.5306, 5.7733

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.4580, -4.6628, 2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4170, -12.5306, 5.7733 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(85, 80, 53)` looks like.

```
.text, #text, p{  
    color:rgb(85, 80, 53)  
}
```

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(85, 80, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 80, 53) }
```

Border

The CSS property to change the border of an element to YUV 78.4170, -12.5306, 5.7733 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(85, 80, 53) }
```


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

```
.border{ border-color:rgb(85, 80, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 80, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 80, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 80, 53);  
box-shadow:4px 4px 4px 4px rgb(85, 80, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.4170, -12.5306, 5.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 80, 53) }
```

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

```
.background{ background-color: rgb(85, 80,  
53) }
```

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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