

Converting Colors

YUV(89.4170, -12.5306, 5.7733)

Have a look what the booklet for
YUV(89.4170, -12.5306, 5.7733)
contains.

YUV(89.4170, -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(89.4170, -12.5306,
5.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	605B40
RGB	96, 91, 64
RGB Percent	38%, 36%, 25%
CMY	0.6235, 0.6431, 0.7490
CMYK	0.00, 0.05, 0.33, 0.62
HSL	51°, 20%, 31%
HSV	51°, 33%, 38%
XYZ	9.4904, 10.3391, 6.3459
YIQ	89.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

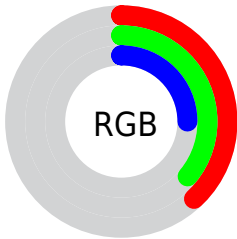
Format	Color
R_{YB}	70, 96, 64
Decimal	6314816
CIE Lab	38.44, -2.71, 16.33
CIE LCh	38, 16.550, 99.428
Yxy	10.3391, 0.3626, 0.3950
Android (android.graphics.Color)	4284504896 (0xFF605B40)
YUV	89.4170, -12.5306, 5.7733
Hunter-Lab	32.1545, -3.5863, 10.8068

Details

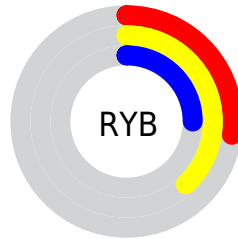
The YUV color **89.4170, -12.5306, 5.7733** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.5830, 12.5306, -5.7733**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4880, -13.5516, 6.5880**, and **43.4600, -11.0728, 4.8586** is the 20% darker color. If you saturate the color by 10%, you get **87.6900, -16.6092, 7.2879**, and if you desaturate by 10%, it is **91.7310, -8.7414, 3.7439**.

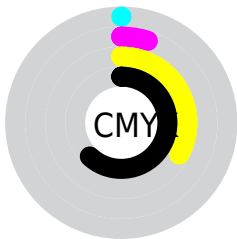
Distribution



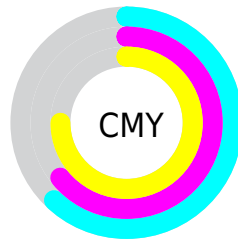
- Red (38%)
- Green (36%)
- Blue (25%)



- Red (27%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4170, -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 89.4170, -12.5306, 5.7733 by changing the saturation by 10% instead.

■ 89.4170, -12.5306,
5.7733

■ 89.4170, -12.5306,
5.7733

■ 255.0000, 0.0000,
0.0000

■ 66.2320, -11.9464,
5.0585

■ 139.4880,
-13.5516, 6.5880

■ 43.4600, -11.0728,
4.8586

■ 165.6730,
-14.1358, 7.3028

■ 23.3460, -11.5096,
4.9586

■ 193.2600,
-14.4252, 6.7880

■ 0.0000, 0.0000,
0.0000

■ 220.8580,
-14.7200, 8.0175

■ 248.5480,
-14.5672, 5.6584

■ 254.0880, -3.4944,

0.7998

■ 89.4170, -12.5306,
5.7733

■ 89.4170, -12.5306,
5.7733

■ 87.6900, -16.6092,
7.2879

■ 91.7310, -8.7414,
3.7439

■ 85.4900, -19.9616,
9.2173

■ 93.3440, -5.0996,
2.3293

■ 83.7630, -24.0402,
10.7318

■ 95.6580, -1.3104,
0.2999

■ 81.5630, -27.3926,
12.6612

■ 97.2710, 2.3314,
-1.1147

■ 79.8360, -31.4711,
14.1758

■ 99.5850, 6.1206,
-3.1440

■ 77.5220, -35.2603,
16.2052

■ 101.3120, 10.1992,
-4.6586

■ 76.2510, -37.5917,
17.3199

■ 102.9250, 13.8410,
-6.0732

■ 105.2390, 17.6302,
-8.1026

■ 106.8520, 21.2720,
-9.5172

Harmonies

Analogous

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



90.8850, -12.2683, 15.0099



89.4170, -12.5306, 5.7733



87.9640, -8.8563, -6.1074

Triad

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



89.4170, -12.5306, 5.7733



84.3860, 11.1487, -29.2795



92.7230, 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.



89.4170, -12.5306, 5.7733



70.5830, 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.



92.4380, 9.1511, 4.8779



89.4170, -12.5306, 5.7733



86.8260, 13.8898, -21.7724

Square

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



89.4170, -12.5306, 5.7733



84.3880, 4.7387, -26.6503



90.0880, 13.2676, -8.8472



92.4480, -2.6859, 21.5321

Rectangle

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



89.4170, -12.5306, 5.7733



86.8320, -5.3402, -13.8847



90.0880, 13.2676, -8.8472



92.8690, 5.4876, 13.2699

Sweetspot

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



89.4170, -12.5306, 5.7733



122.3440, -5.0996, 2.3293



74.1380, -2.5330, 19.1730



62.5010, -3.2050, 1.3146



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



89.4170, -12.5306, 5.7733



114.6040, -19.5248, 9.1173



89.0630, -12.3561, -3.5633



47.5440, -1.7472, 0.3999



89.2530, -44.0017, 19.9491



190.3340, -93.8347, 43.5571

Inverse Universe

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



70.5830, 12.5306, -5.7733



85.3960, 19.5248, -9.1173



70.9370, 12.3561, 3.5633



44.4560, 1.7472, -0.3999



23.3340, 43.7123, -20.4639



49.0790, 94.1241, -43.0423

Previews

White Background



This preview shows how the YUV color 89.4170, -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 × Fail

Black Background



This preview shows how the YUV color 89.4170, -12.5306, 5.7733 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

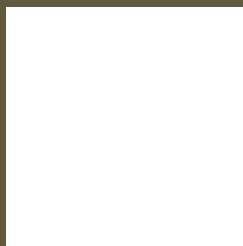
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.4170, -12.5306, 5.7733

Background



This preview shows how black text looks on a background with the YUV color 89.4170, -12.5306, 5.7733.

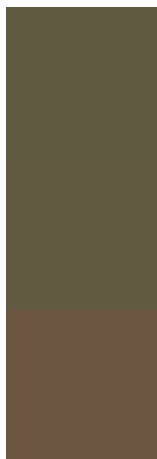


This preview shows how white text looks on a background with the YUV color 89.4170, -12.5306,

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

89.4170, -12.5306, 5.7733

Protanopia

89.4280, -12.5360, 7.5176

Deuteranopia

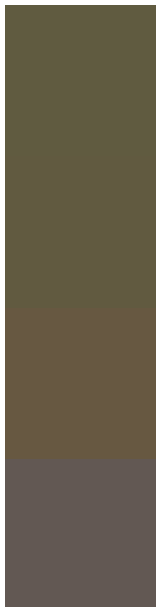
90.4720, -12.5577, 14.4951



Tritanopia

91.3860, 1.2887, 6.6775

Trichromacy



Original Color

89.4170, -12.5306, 5.7733

Protanomaly

89.1290, -12.3886, 6.9029

Deuteranomaly

89.8630, -12.2575, 11.5211

Tritanomaly

90.4200, -3.6581, 6.6477

Monochromacy



Original Color

89.4170, -12.5306, 5.7733

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.4580, -4.6628, 2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4170, -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(96, 91, 64)` looks like.

```
.text, #text, p{  
    color:rgb(96, 91, 64)  
}
```

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(96, 91, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 91, 64) }
```

Border

The CSS property to change the border of an element to YUV 89.4170, -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(96, 91, 64) }
```


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

```
.border{ border-color:rgb(96, 91, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 91, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 91, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 91, 64);  
box-shadow:4px 4px 4px 4px rgb(96, 91, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.4170, -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(96, 91, 64) }
```

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

```
.background{ background-color: rgb(96, 91,  
64) }
```

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