

Converting Colors

YUV(74.8460, -9.7841, 11.5361)

Have a look what the booklet for
YUV(74.8460, -9.7841, 11.5361)
contains.

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Color

**YUV(74.8460, -9.7841,
11.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	584837
RGB	88, 72, 55
RGB Percent	35%, 28%, 22%
CMY	0.6549, 0.7176, 0.7843
CMYK	0.00, 0.18, 0.37, 0.65
HSL	31°, 23%, 28%
HSV	31°, 37%, 35%
XYZ	7.0315, 6.9853, 4.5921
YIQ	74.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

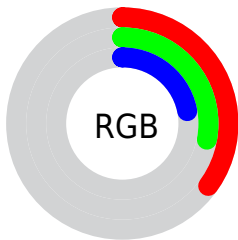
Format	Color
R_{YB}	86, 88, 55
Decimal	5785655
CIE Lab	31.77, 3.98, 12.75
CIE LCh	32, 13.357, 72.677
Yxy	6.9853, 0.3779, 0.3754
Android (android.graphics.Color)	4283975735 (0xFF584837)
YUV	74.8460, -9.7841, 11.5361
Hunter-Lab	26.4297, 1.2370, 8.1992

Details

The YUV color **74.8460, -9.7841, 11.5361** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.1540, 9.7841, -11.5361**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6290, -10.6631, 13.4804**, and **30.9490, -9.3419, 9.6917** is the 20% darker color. If you saturate the color by 10%, you get **71.4720, -12.5577, 14.4951**, and if you desaturate by 10%, it is **78.2200, -7.0105, 8.5771**.

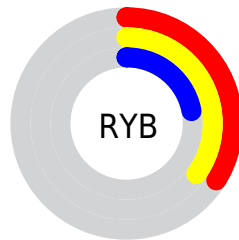
Distribution



Red (35%)

Green (28%)

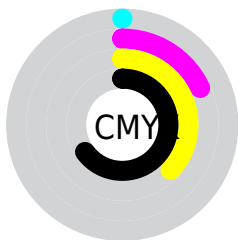
Blue (22%)



Red (34%)

Yellow (35%)

Blue (22%)

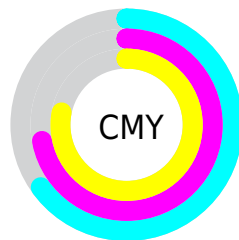


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8460, -9.7841, 11.5361 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 74.8460, -9.7841, 11.5361 by changing the saturation by 10% instead.

■ 74.8460, -9.7841,
11.5361

■ 74.8460, -9.7841,
11.5361

255.0000, 0.0000,
0.0000

■ 52.2480, -9.4893,
10.3065

■ 123.6290,
-10.6631, 13.4804

■ 30.9490, -9.3419,
9.6917

■ 149.5150,
-11.0999, 13.5803

■ 7.1430, -3.5215,
9.5216

■ 176.7000,
-11.6841, 14.2951

■ 0.0000, 0.0000,
0.0000

■ 203.9990,
-11.8315, 14.9099

■ 231.8850,
-12.2683, 15.0099

■ 252.7200, -8.7360,

1.9996

■ 74.8460, -9.7841,
11.5361

■ 74.8460, -9.7841,
11.5361

■ 71.4720, -12.5577,
14.4951

■ 78.2200, -7.0105,
8.5771

■ 67.5110, -15.0419,
17.9689

■ 82.1810, -4.5262,
5.1033

■ 64.2510, -17.3787,
20.8279

■ 85.4410, -2.1894,
2.2442

■ 60.8770, -20.1524,
23.7869

■ 88.8150, 0.5842,
-0.7148

■ 57.5030, -22.9260,
26.7459

■ 92.1890, 3.3578,
-3.6738

■ 53.5420, -25.4102,
30.2197

■ 96.1500, 5.8421,
-7.1475

■ 52.7270, -25.9944,
30.9344

■ 99.5240, 8.6157,
-10.1065

■ 102.7840, 10.9525,
-12.9656

■ 106.1580, 13.7261,
-15.9246

Harmonies

Analogous

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



75.8620, -7.3270, 16.7840



74.8460, -9.7841, 11.5361



73.5030, -9.6150, 3.9439

Triad

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



74.8460, -9.7841, 11.5361



70.3070, 4.2856, -21.3172



76.4550, 6.6777, 4.8630

Complementary

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



74.8460, -9.7841, 11.5361



68.1540, 9.7841, -11.5361

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.



74.6000, 10.0572, -5.7882



74.8460, -9.7841, 11.5361



70.5610, 9.0904, -22.4170

Square

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



74.8460, -9.7841, 11.5361



70.8580, -1.4090, -14.7845



72.6480, 10.5265, -16.3543



76.6580, 2.1406, 13.4549

Rectangle

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



74.8460, -9.7841, 11.5361



73.2140, -7.9935, -2.8187



72.6480, 10.5265, -16.3543



76.0740, 7.8515, 1.6891

Sweetspot

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



74.8460, -9.7841, 11.5361



109.9960, -3.9420, 4.3885



66.8050, 2.5611, 18.5880



55.7400, -2.3368, 2.8590



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



74.8460, -9.7841, 11.5361



94.3970, -15.4787, 18.0688



84.2380, -14.4143, 3.2993



41.3700, -1.1684, 1.4295



64.2780, -31.6891, 37.4672



141.2920, -69.6570, 82.1819

Inverse Universe

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



68.1540, 9.7841, -11.5361



83.6030, 15.4787, -18.0688



58.7620, 14.4143, -3.2993



40.6300, 1.1684, -1.4295



42.7220, 31.6891, -37.4672



93.7080, 69.6570, -82.1819

Previews

White Background



This preview shows how the YUV color 74.8460, -9.7841, 11.5361 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 74.8460, -9.7841, 11.5361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

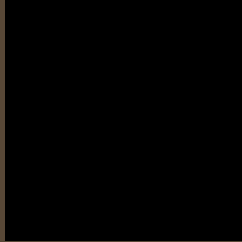
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8460, -9.7841, 11.5361

Background



This preview shows how black text looks on a background with the YUV color 74.8460, -9.7841, 11.5361.

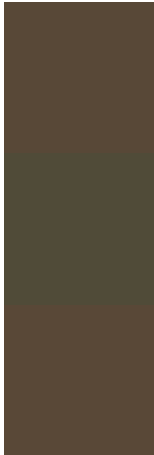


This preview shows how white text looks on a background with the YUV color 74.8460, -9.7841,

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

74.8460, -9.7841, 11.5361

Protanopia

74.3290, -9.0362, 4.9735

Deuteranopia

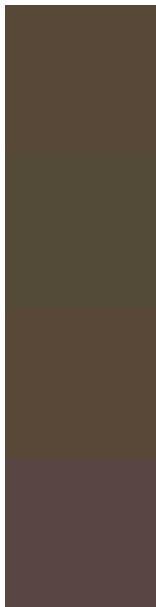
75.1450, -9.9315, 12.1508



Tritanopia

75.9630, -0.4748, 12.3104

Trichromacy



Original Color

74.8460, -9.7841, 11.5361

Protanomaly

74.6390, -9.1890, 7.3326

Deuteranomaly

75.1450, -9.9315, 12.1508

Tritanomaly

75.4530, -3.6743, 11.8807

Monochromacy



Original Color

74.8460, -9.7841, 11.5361

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1100, -3.5052, 4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8460, -9.7841, 11.5361 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(88, 72, 55)` looks like.

```
.text, #text, p{  
    color:rgb(88, 72, 55)  
}
```

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(88, 72, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 72, 55) }
```

Border

The CSS property to change the border of an element to YUV 74.8460, -9.7841, 11.5361 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(88, 72, 55) }
```


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

```
.border{ border-color:rgb(88, 72, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 72, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 72, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 72, 55);  
box-shadow:4px 4px 4px 4px rgb(88, 72, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8460, -9.7841, 11.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 72, 55) }
```

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

```
.background{ background-color: rgb(88, 72,  
55) }
```

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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