

Converting Colors

YUV(77.0590, -12.8471,
13.9803)

Have a look what the booklet for
YUV(77.0590, -12.8471, 13.9803)
contains.

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Color

**YUV(77.0590, -12.8471,
13.9803)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4A33
RGB	93, 74, 51
RGB Percent	36%, 29%, 20%
CMY	0.6353, 0.7098, 0.8000
CMYK	0.00, 0.20, 0.45, 0.64
HSL	33°, 29%, 28%
HSV	33°, 45%, 36%
XYZ	7.5605, 7.4637, 4.1741
YIQ	77.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

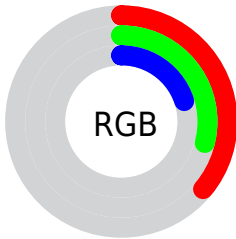
Format	Color
R_{YB}	86, 93, 51
Decimal	6113843
CIE _{Lab}	32.84, 4.52, 16.77
CIE _{LCh}	33, 17.368, 74.926
Yxy	7.4637, 0.3938, 0.3888
Android (android.graphics.Color)	4284303923 (0xFF5D4A33)
YUV	77.0590, -12.8471, 13.9803
Hunter-Lab	27.3198, 1.5886, 10.0651

Details

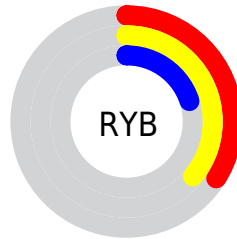
The YUV color $[77.0590, -12.8471, 13.9803]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[66.9410, 12.8471, -13.9803]$, and the grayscale version is $[77.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[126.4290, -14.0155, 15.4098]$, and $[32.0480, -12.8417, 12.2359]$ is the 20% darker color. If you saturate the color by 10%, you get $[73.6850, -15.6207, 16.9393]$, and if you desaturate by 10%, it is $[80.4330, -10.0735, 11.0213]$.

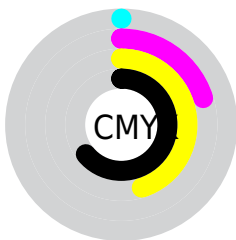
Distribution



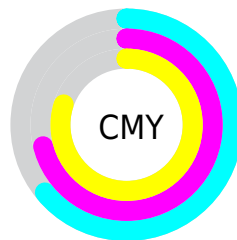
- Red (36%)
- Green (29%)
- Blue (20%)



- Red (34%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (64%)



- Cyan (64%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0590, -12.8471, 13.9803 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 77.0590, -12.8471, 13.9803 by changing the saturation by 10% instead.

■ 77.0590, -12.8471,
13.9803

■ 77.0590, -12.8471,
13.9803

255.0000, 0.0000,
0.0000

■ 53.9880, -11.8261,
13.1655

■ 126.4290,
-14.0155, 15.4098

■ 32.0480, -12.8417,
12.2359

■ 152.0270,
-14.3103, 16.6393

■ 10.3990, -5.1267,
11.0511

■ 179.0980,
-15.3313, 17.4541

■ 0.0000, 0.0000,
0.0000

■ 206.3970,
-15.4787, 18.0688

■ 234.3970,
-15.4787, 18.0688

■ 252.2640,

-10.4832, 2.3995

■ 77.0590, -12.8471,
13.9803

■ 77.0590, -12.8471,
13.9803

■ 73.6850, -15.6207,
16.9393

■ 80.4330, -10.0735,
11.0213

■ 70.1970, -18.8311,
19.9982

■ 83.9210, -6.8631,
7.9623

■ 66.2360, -21.3153,
23.4720

■ 87.8820, -4.3788,
4.4885

■ 62.8620, -24.0890,
26.4310

■ 91.2560, -1.6052,
1.5295

■ 59.4880, -26.8626,
29.3900

■ 94.7440, 1.6052,
-1.5295

■ 57.7440, -28.4678,
30.9195

■ 98.1180, 4.3788,
-4.4885

■ 101.4920, 7.1524,
-7.4475

■ 105.4530, 9.6367,
-10.9213

■ 108.9410, 12.8471,
-13.9803

Harmonies

Analogous

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



78.3140, -9.5218, 20.7726



77.0590, -12.8471, 13.9803



76.1070, -12.3778, 3.4142

Triad

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



77.0590, -12.8471, 13.9803



69.9360, 6.9336, -30.6389



79.0470, 8.8508, 7.8518

Complementary

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



77.0590, -12.8471, 13.9803



66.9410, 12.8471, -13.9803

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.



77.0990, 13.2622, -7.1028



77.0590, -12.8471, 13.9803



70.4180, 12.6119, -31.9386

Square

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



77.0590, -12.8471, 13.9803



71.9390, -0.9559, -20.1175



73.9400, 14.3266, -21.8724



79.5060, 2.7085, 17.9732

Rectangle

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



77.0590, -12.8471, 13.9803



74.6330, -10.1721, -4.0631



73.9400, 14.3266, -21.8724



78.7690, 10.4669, 2.8336

Sweetspot

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



77.0590, -12.8471, 13.9803



113.3660, -5.1104, 5.8180



65.8380, 2.5449, 23.8211



56.9250, -2.9210, 3.5738



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.0590, -12.8471, 13.9803



95.5670, -19.9995, 21.4277



87.9130, -18.1981, 3.5843



44.2560, -1.6052, 1.5295



68.1100, -33.5782, 36.7375



147.1730, -72.5563, 78.7783

Inverse Universe

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



66.9410, 12.8471, -13.9803



79.4330, 19.9995, -21.4277



56.0870, 18.1981, -3.5843



42.7440, 1.6052, -1.5295



41.8900, 33.5782, -36.7375



89.8270, 72.5563, -78.7783

Previews

White Background



This preview shows how the YUV color 77.0590, -12.8471, 13.9803 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 77.0590, -12.8471, 13.9803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

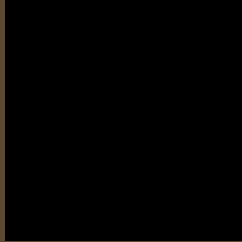
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0590, -12.8471, 13.9803

Background



This preview shows how black text looks on a background with the YUV color 77.0590, -12.8471, 13.9803.



This preview shows how white text looks on a background with the YUV color 77.0590, -12.8471,

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

77.0590, -12.8471, 13.9803

Protanopia

76.2430, -11.9518, 6.8029

Deuteranopia

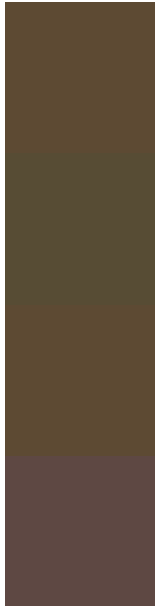
77.0590, -12.8471, 13.9803



Tritanopia

78.7460, -1.3538, 14.2548

Trichromacy



Original Color

77.0590, -12.8471, 13.9803

Protanomaly

76.5530, -12.1046, 9.1620

Deuteranomaly

77.0590, -12.8471, 13.9803

Tritanomaly

78.0080, -5.4269, 14.0250

Monochromacy



Original Color

77.0590, -12.8471, 13.9803

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0590, -12.8471, 13.9803 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(93, 74, 51)` looks like.

```
.text, #text, p{  
    color:rgb(93, 74, 51)  
}
```

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(93, 74, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 74, 51) }
```

Border

The CSS property to change the border of an element to YUV 77.0590, -12.8471, 13.9803 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(93, 74, 51) }
```


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

```
.border{ border-color:rgb(93, 74, 51) }
```

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

Here you see how a box with a 4 pixel rgb(93, 74, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 74, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 74, 51);  
box-shadow:4px 4px 4px 4px rgb(93, 74, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0590, -12.8471, 13.9803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 74, 51) }
```

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

```
.background{ background-color: rgb(93, 74,  
51) }
```

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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