

Converting Colors

YUV(58.0590, -12.8471,
13.9803)

Have a look what the booklet for
YUV(58.0590, -12.8471, 13.9803)
contains.

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Color

**YUV(58.0590, -12.8471,
13.9803)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3720
RGB	74, 55, 32
RGB Percent	29%, 22%, 13%
CMY	0.7098, 0.7843, 0.8745
CMYK	0.00, 0.26, 0.57, 0.71
HSL	33°, 40%, 21%
HSV	33°, 57%, 29%
XYZ	4.4509, 4.2925, 1.9604
YIQ	58.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

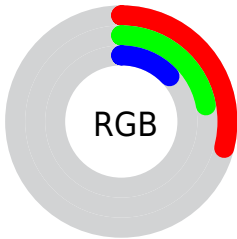
Format	Color
RYB	67, 74, 32
Decimal	4863776
CIELab	24.62, 5.15, 17.61
CIELCh	25, 18.346, 73.685
Yxy	4.2925, 0.4158, 0.4010
Android (android.graphics.Color)	4283053856 (0xFF4A3720)
YUV	58.0590, -12.8471, 13.9803
Hunter-Lab	20.7184, 2.0901, 8.8926

Details

The YUV color **58.0590, -12.8471, 13.9803** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **47.9410, 12.8471, -13.9803**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7280, -14.1629, 16.0245**, and **15.7150, -7.7475, 11.6509** is the 20% darker color. If you saturate the color by 10%, you get **55.5000, -15.0365, 16.2245**, and if you desaturate by 10%, it is **60.6180, -10.6577, 11.7360**.

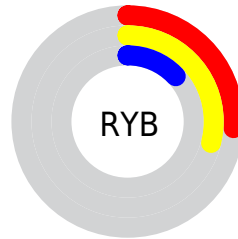
Distribution



Red (29%)

Green (22%)

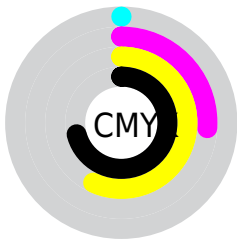
Blue (13%)



Red (26%)

Yellow (29%)

Blue (13%)

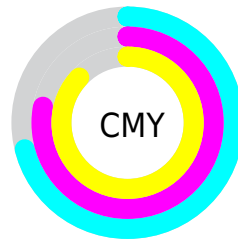


Cyan (0%)

Magenta (26%)

Yellow (57%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.0590, -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 58.0590, -12.8471, 13.9803 by changing the saturation by 10% instead.

■ 58.0590, -12.8471,
13.9803

■ 58.0590, -12.8471,
13.9803

255.0000, 0.0000,
0.0000

■ 36.3470, -12.9891,
12.8507

■ 105.7280,
-14.1629, 16.0245

■ 15.7150, -7.7475,
11.6509

■ 131.2120,
-14.8945, 17.3541

■ 0.0000, 0.0000,
0.0000

■ 157.3970,
-15.4787, 18.0688

■ 183.6960,
-15.6261, 18.6836

■ 211.7670,
-16.6471, 19.4983

■ 237.6740,

-15.6153, 15.1949

252.6060, -9.1728,
2.0995

58.0590, -12.8471,
13.9803

58.0590, -12.8471,
13.9803

55.5000, -15.0365,
16.2245

60.6180, -10.6577,
11.7360

52.2400, -17.3733,
19.0835

63.8780, -8.3209,
8.8770

49.6810, -19.5627,
21.3278

66.4370, -6.1314,
6.6328

47.0080, -22.1889,
23.6720

69.1100, -3.5052,
4.2885

46.1930, -22.7731,
24.3867

72.2560, -1.6052,
1.5295

■ 74.8150, 0.5842,
-0.7148

■ 77.4880, 3.2104,
-3.0590

■ 80.6340, 5.1104,
-5.8180

■ 83.3070, 7.7366,
-8.1622

Harmonies

Analogous

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



58.7270, -9.2324, 21.2874



58.0590, -12.8471, 13.9803



56.9930, -12.8145, 3.5141

Triad

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



58.0590, -12.8471, 13.9803



47.8320, 7.9708, -36.6867



60.3350, 8.7088, 6.7222

Complementary

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



58.0590, -12.8471, 13.9803



47.9410, 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.



58.3870, 13.1202, -8.2324



58.0590, -12.8471, 13.9803



46.9330, 14.8230, -41.1602

Square

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



58.0590, -12.8471, 13.9803



52.2270, -1.0979, -21.2471



53.2600, 15.6478, -25.6610



60.6200, 3.1453, 17.8733

Rectangle

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



58.0590, -12.8471, 13.9803



55.6330, -10.1721, -4.0631



53.2600, 15.6478, -25.6610



59.4700, 10.6143, 2.2188

Sweetspot

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



58.0590, -12.8471, 13.9803



90.3660, -5.1104, 5.8180



46.8380, 2.5449, 23.8211



44.6260, -2.7736, 2.9590



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



58.0590, -12.8471, 13.9803



71.8660, -20.1469, 22.0425



68.9130, -18.1981, 3.5843



36.9570, -1.4578, 0.9147



63.3700, -31.2414, 33.8785



142.7320, -70.3669, 76.5340

Inverse Universe

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



47.9410, 12.8471, -13.9803



56.1340, 20.1469, -22.0425



37.0870, 18.1981, -3.5843



35.6300, 1.1684, -1.4295



38.6300, 31.2414, -33.8785



87.2680, 70.3669, -76.5340

Previews

White Background



This preview shows how the YUV color 58.0590, -12.8471, 13.9803 looks on a white background.

Color Contrast Check

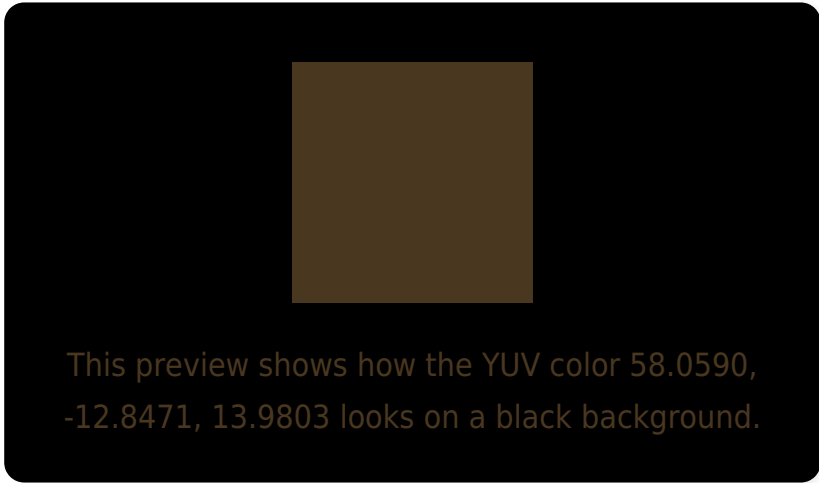
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

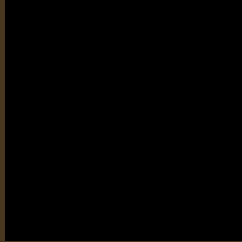
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.0590, -12.8471, 13.9803

Background



This preview shows how black text looks on a background with the YUV color 58.0590, -12.8471, 13.9803.

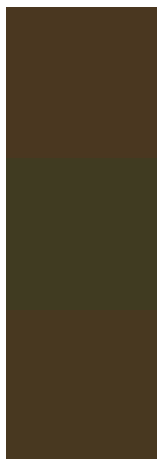


This preview shows how white text looks on a background with the YUV color 58.0590, -12.8471,

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

58.0590, -12.8471, 13.9803

Protanopia

57.5310, -12.0938, 5.6733

Deuteranopia

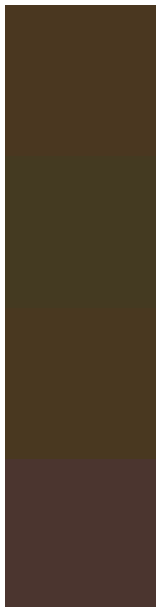
58.0480, -12.8417, 12.2359



Tritanopia

59.6320, -1.7906, 14.3547

Trichromacy



Original Color

58.0590, -12.8471, 13.9803

Protanomaly

58.1400, -12.3940, 8.6472

Deuteranomaly

58.3470, -12.9891, 12.8507

Tritanomaly

58.8940, -5.8637, 14.1250

Monochromacy



Original Color

58.0590, -12.8471, 13.9803

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.0590, -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(74, 55, 32)` looks like.

```
.text, #text, p{  
    color:rgb(74, 55, 32)  
}
```

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(74, 55, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 55, 32) }
```

Border

The CSS property to change the border of an element to YUV 58.0590, -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(74, 55, 32) }
```


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

```
.border{ border-color:rgb(74, 55, 32) }
```

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

Here you see how a box with a 4 pixel rgb(74, 55, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 55, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 55, 32);  
box-shadow:4px 4px 4px 4px rgb(74, 55, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.0590, -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(74, 55, 32) }
```

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

```
.background{ background-color: rgb(74, 55,  
32) }
```

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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