

Converting Colors

YUV(66.0590, -12.8471,
13.9803)

Have a look what the booklet for
YUV(66.0590, -12.8471, 13.9803)
contains.

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Color

**YUV(66.0590, -12.8471,
13.9803)**

Conversions

Conversions Part 1

Format	Color
Hex	523F28
RGB	82, 63, 40
RGB Percent	32%, 25%, 16%
CMY	0.6784, 0.7529, 0.8431
CMYK	0.00, 0.23, 0.51, 0.68
HSL	33°, 34%, 24%
HSV	33°, 51%, 32%
XYZ	5.6402, 5.5021, 2.7722
YIQ	66.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

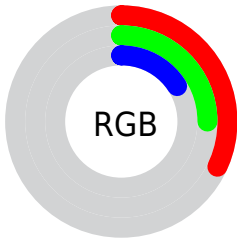
Format	Color
RYB	75, 82, 40
Decimal	5390120
CIELab	28.12, 4.85, 17.23
CIElCh	28, 17.902, 74.271
Yxy	5.5021, 0.4053, 0.3954
Android (android.graphics.Color)	4283580200 (0xFF523F28)
YUV	66.0590, -12.8471, 13.9803
Hunter-Lab	23.4565, 1.8721, 9.4123

Details

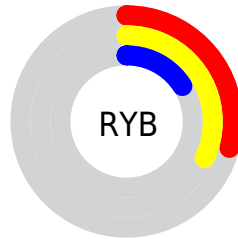
The YUV color **66.0590, -12.8471, 13.9803** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **55.9410, 12.8471, -13.9803**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6140, -14.5997, 16.1245**, and **23.0910, -11.3839, 11.3212** is the 20% darker color. If you saturate the color by 10%, you get **62.7990, -15.1839, 16.8393**, and if you desaturate by 10%, it is **69.3190, -10.5103, 11.1212**.

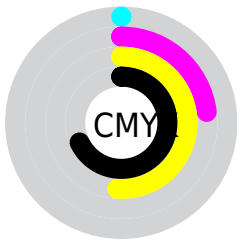
Distribution



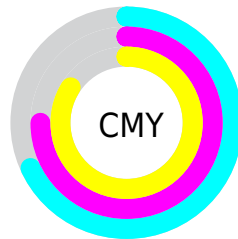
- Red (32%)
- Green (25%)
- Blue (16%)



- Red (29%)
- Yellow (32%)
- Blue (16%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (68%)



- Cyan (68%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0590, -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 66.0590, -12.8471, 13.9803 by changing the saturation by 10% instead.

■ 66.0590, -12.8471,
13.9803

■ 66.0590, -12.8471,
13.9803

255.0000, 0.0000,
0.0000

■ 43.5750, -12.1155,
12.6507

■ 114.6140,
-14.5997, 16.1245

■ 23.0910, -11.3839,
11.3212

■ 139.9130,
-14.7471, 16.7393

■ 0.0000, 0.0000,
0.0000

■ 166.3970,
-15.4787, 18.0688

■ 193.6960,
-15.6261, 18.6836

■ 221.5820,
-16.0629, 18.7836

■ 244.6840,

-14.1412, 9.0471

253.8600, -4.3680,
0.9998

66.0590, -12.8471,
13.9803

66.0590, -12.8471,
13.9803

62.7990, -15.1839,
16.8393

69.3190, -10.5103,
11.1212

60.1260, -17.8101,
19.1835

71.9920, -7.8841,
8.7770

56.7520, -20.5837,
22.1425

75.3660, -5.1104,
5.8180

53.4920, -22.9206,
25.0015

78.6260, -2.7736,
2.9590

50.9330, -25.1100,
27.2458

81.8860, -0.4368,
0.1000

■ 84.5590, 2.1894,
-2.2442

■ 87.8190, 4.5262,
-5.1033

■ 91.1930, 7.2999,
-8.0623

■ 93.8660, 9.9261,
-10.4065

Harmonies

Analogous

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



67.3140, -9.5218, 20.7726



66.0590, -12.8471, 13.9803



64.9930, -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.



66.0590, -12.8471, 13.9803



57.7400, 7.5232, -33.0980



67.7480, 8.9982, 7.2370

Complementary

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



66.0590, -12.8471, 13.9803



55.9410, 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.



66.0990, 13.2622, -7.1028



66.0590, -12.8471, 13.9803



57.6240, 13.4964, -35.6272

Square

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



66.0590, -12.8471, 13.9803



60.5260, -1.2453, -20.6323



62.1570, 15.2056, -23.8167



68.5060, 2.7085, 17.9732

Rectangle

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



66.0590, -12.8471, 13.9803



63.6330, -10.1721, -4.0631



62.1570, 15.2056, -23.8167



67.7690, 10.4669, 2.8336

Sweetspot

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



66.0590, -12.8471, 13.9803



101.0670, -4.9630, 5.2032



54.8380, 2.5449, 23.8211



49.9250, -2.9210, 3.5738



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.0590, -12.8471, 13.9803



82.5670, -19.9995, 21.4277



76.9130, -18.1981, 3.5843



39.3700, -1.1684, 1.4295



64.8540, -31.9730, 35.2080



143.9170, -70.9511, 77.2488

Inverse Universe

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



55.9410, 12.8471, -13.9803



66.4330, 19.9995, -21.4277



45.0870, 18.1981, -3.5843



38.6300, 1.1684, -1.4295



39.5590, 32.2624, -34.6932



88.0830, 70.9511, -77.2488

Previews

White Background



This preview shows how the YUV color 66.0590, -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 66.0590, -12.8471, 13.9803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

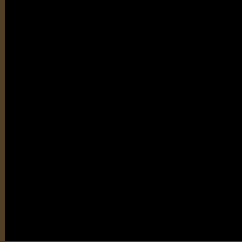
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0590, -12.8471, 13.9803

Background



This preview shows how black text looks on a background with the YUV color 66.0590, -12.8471, 13.9803.



This preview shows how white text looks on a background with the YUV color 66.0590, -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

66.0590, -12.8471, 13.9803

Protanopia

65.8300, -12.2412, 6.2881

Deuteranopia

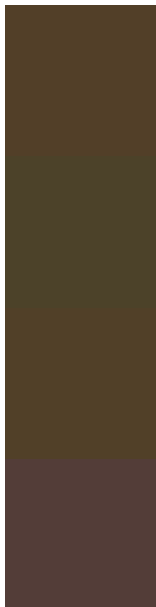
66.3470, -12.9891, 12.8507



Tritanopia

67.7460, -1.3538, 14.2548

Trichromacy



Original Color

66.0590, -12.8471, 13.9803

Protanomaly

66.1400, -12.3940, 8.6472

Deuteranomaly

66.3470, -12.9891, 12.8507

Tritanomaly

67.0080, -5.4269, 14.0250

Monochromacy



Original Color

66.0590, -12.8471, 13.9803

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0590, -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(82, 63, 40)` looks like.

```
.text, #text, p{  
    color:rgb(82, 63, 40)  
}
```

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(82, 63, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 63, 40) }
```

Border

The CSS property to change the border of an element to YUV 66.0590, -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(82, 63, 40) }
```


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

```
.border{ border-color:rgb(82, 63, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 63, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 63, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 63, 40);  
box-shadow:4px 4px 4px 4px rgb(82, 63, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.0590, -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(82, 63, 40) }
```

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

```
.background{ background-color: rgb(82, 63,  
40) }
```

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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