

Converting Colors

YUV(40.1190, 13.2523, 42.8686)

Have a look what the booklet for
YUV(40.1190, 13.2523, 42.8686)
contains.

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Color

**YUV(40.1190, 13.2523,
42.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	590A43
RGB	89, 10, 67
RGB Percent	35%, 4%, 26%
CMY	0.6510, 0.9608, 0.7373
CMYK	0.00, 0.89, 0.25, 0.65
HSL	317°, 80%, 19%
HSV	317°, 89%, 35%
XYZ	5.2415, 2.7462, 5.5640
YIQ	40.1190, 28.7870, 34.4750

Conversions

Conversions Part 2

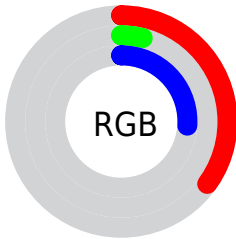
Format	Color
RYB	89, 10, 67
Decimal	5835331
CIELab	19.00, 39.47, -13.88
CIELCh	19, 41.834, 340.627
Yxy	2.7462, 0.3868, 0.2026
Android (android.graphics.Color)	4284025411 (0xFF590A43)
YUV	40.1190, 13.2523, 42.8686
Hunter-Lab	16.5716, 27.4581, -8.3068

Details

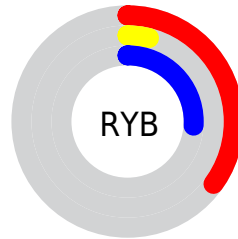
The YUV color **40.1190, 13.2523, 42.8686** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **58.8810, -13.2523, -42.8686**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1360, 10.7790, 42.8537**, and **15.4080, 4.7289, 23.3212** is the 20% darker color. If you saturate the color by 10%, you get **34.6080, 14.9833, 47.7018**, and if you desaturate by 10%, it is **45.6300, 11.5214, 38.0355**.

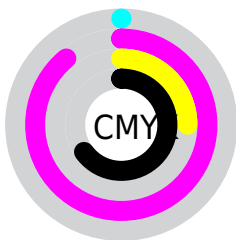
Distribution



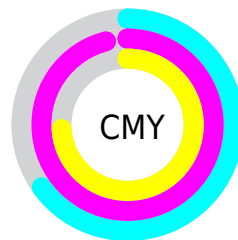
- Red (35%)
- Green (4%)
- Blue (26%)



- Red (35%)
- Yellow (4%)
- Blue (26%)



- Cyan (0%)
- Magenta (89%)
- Yellow (25%)
- Black (65%)



- Cyan (65%)
- Magenta (96%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.1190, 13.2523, 42.8686 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 40.1190, 13.2523, 42.8686 by changing the saturation by 10% instead.

40.1190, 13.2523,
42.8686

40.1190, 13.2523,
42.8686

254.4130, 0.2894,
0.5148

24.2660, 10.2219,
34.8467

93.1360, 10.7790,
42.8537

15.4080, 4.7289,
23.3212

118.8480, 10.9209,
43.9833

0.0000, 0.0000,
0.0000

145.4460, 10.6261,
45.2129


173.0440, 10.3313,
46.4424


200.7560, 10.4733,
47.5720


220.4980, 15.0375,


30.2583


 237.3900, 8.6817,
15.4440


 40.1190, 13.2523,
42.8686


 40.1190, 13.2523,
42.8686


 34.6080, 14.9833,
47.7018


 45.6300, 11.5214,
38.0355

 33.9070, 14.8358,
48.3166

 51.2550, 10.2273,
33.1024

 56.7660, 8.4964,
28.2692

 62.3910, 7.2022,
23.3361

 67.9020, 5.4713,
18.5029

■ 72.9400, 4.4666,
14.0846

■ 78.4510, 2.7357,
9.2515

■ 84.0760, 1.4415,
4.3183

■ 89.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



47.0270, 22.6647, 10.5003



40.1190, 13.2523, 42.8686



34.1070, 1.4262, 56.0342

Triad

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



40.1190, 13.2523, 42.8686



42.5280, -20.9663, 4.7989



43.7360, 20.3432, -38.3565

Complementary

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



40.1190, 13.2523, 42.8686



58.8810, -13.2523, -42.8686

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.



41.1310, 7.8234, -36.0719



40.1190, 13.2523, 42.8686



36.1720, -17.8328, -20.3218

Square

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



40.1190, 13.2523, 42.8686



43.8450, -21.6156, 26.4459



36.7820, -6.3015, -32.2578



44.1410, 29.5105, -38.7117

Rectangle

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



40.1190, 13.2523, 42.8686



37.3870, -10.0508, 50.5266



36.7820, -6.3015, -32.2578



43.4110, 16.5594, -38.0714

Sweetspot

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



40.1190, 13.2523, 42.8686



95.7770, 5.0399, 16.8586



25.2850, 31.4115, 5.0121



47.1630, 2.8776, 10.3810



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.



40.1190, 13.2523, 42.8686



43.8470, 19.3024, 62.4012



35.6730, -3.7828, 46.7678



40.5380, 0.7208, 2.1592



40.7710, 17.8609, 58.0828



89.5310, 39.1782, 127.5763

Inverse Universe

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



40.1190, 13.2523, 42.8686



43.8470, 19.3024, 62.4012



63.3270, 3.7828, -46.7678



40.5380, 0.7208, 2.1592



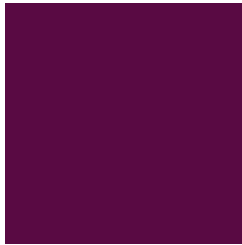
40.7710, 17.8609, 58.0828



89.5310, 39.1782, 127.5763

Previews

White Background



This preview shows how the YUV color 40.1190, 13.2523, 42.8686 looks on a white background.

Color Contrast Check

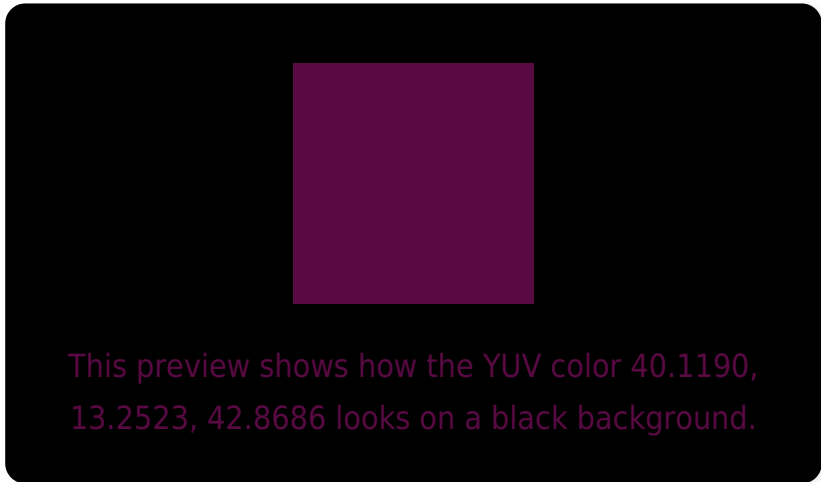
Large Text (above 18pt) WCAG AA ✓ Pass

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

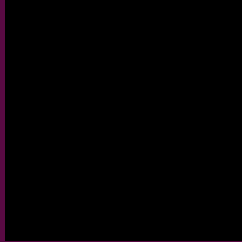
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1190, 13.2523, 42.8686

Background



This preview shows how black text looks on a background with the YUV color 40.1190, 13.2523, 42.8686.



This preview shows how white text looks on a background with the YUV color 40.1190, 13.2523,

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

40.1190, 13.2523, 42.8686

Protanopia

44.8830, 24.2147, -20.0684

Deuteranopia

49.1120, 6.8468, -2.7292



Tritanopia

45.4560, -8.1128, 35.5571

Trichromacy



Original Color

40.1190, 13.2523, 42.8686

Protanomaly

43.2880, 20.0710, 2.3784

Deuteranomaly

45.7920, 8.9765, 14.2144

Tritanomaly

43.2420, -0.1193, 38.3758

Monochromacy



Original Color

40.1190, 13.2523, 42.8686

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0650, 4.8980, 15.7290

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1190, 13.2523, 42.8686 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(89, 10, 67)` looks like.

```
.text, #text, p{  
    color:rgb(89, 10, 67)  
}
```

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(89, 10, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 10, 67) }
```

Border

The CSS property to change the border of an element to YUV 40.1190, 13.2523, 42.8686 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(89, 10, 67) }
```


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

```
.border{ border-color:rgb(89, 10, 67) }
```

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

Here you see how a box with a 4 pixel rgb(89, 10, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 10, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 10, 67);  
box-shadow:4px 4px 4px 4px rgb(89, 10, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.1190, 13.2523, 42.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 10, 67) }
```

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

```
.background{ background-color: rgb(89, 10,  
67) }
```

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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