

Converting Colors

YUV(38.5190, 9.6041, -0.4552)

Have a look what the booklet for
YUV(38.5190, 9.6041, -0.4552)
contains.

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Color

**YUV(38.5190, 9.6041,
-0.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	26233A
RGB	38, 35, 58
RGB Percent	15%, 14%, 23%
CMY	0.8510, 0.8627, 0.7725
CMYK	0.34, 0.40, 0.00, 0.77
HSL	248°, 25%, 18%
HSV	248°, 40%, 23%
XYZ	2.1641, 1.9196, 4.2595
YIQ	38.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

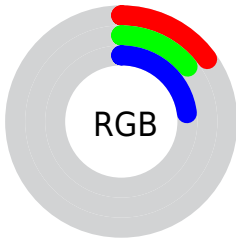
Format	Color
RYB	38, 35, 58
Decimal	2499386
CIELab	15.06, 7.84, -14.34
CIELCh	15, 16.344, 298.653
Yxy	1.9196, 0.2594, 0.2301
Android (android.graphics.Color)	4280689466 (0xFF26233A)
YUV	38.5190, 9.6041, -0.4552
Hunter-Lab	13.8550, 3.6344, -8.5290

Details

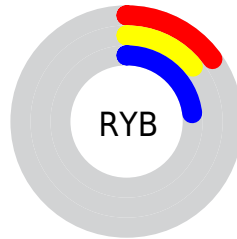
The YUV color **38.5190, 9.6041, -0.4552** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.4810, -9.6041, 0.4552**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.4590, 10.6197, 0.4745**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **33.5020, 12.0775, -0.4403**, and if you desaturate by 10%, it is **43.5360, 7.1308, -0.4701**.

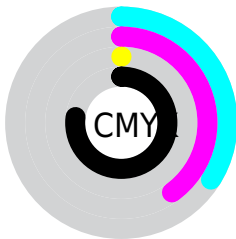
Distribution



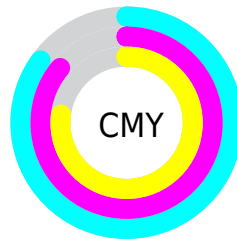
- Red (15%)
- Green (14%)
- Blue (23%)



- Red (15%)
- Yellow (14%)
- Blue (23%)



- Cyan (34%)
- Magenta (40%)
- Yellow (0%)
- Black (77%)



- Cyan (85%)
- Magenta (86%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.5190, 9.6041, -0.4552 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 38.5190, 9.6041, -0.4552 by changing the saturation by 10% instead.

■ 38.5190, 9.6041,
-0.4552

■ 38.5190, 9.6041,
-0.4552

■ 255.0000, 0.0000,
0.0000

■ 17.7040, 9.0199,
0.2596

■ 83.4590, 10.6197,
0.4745

■ 2.1830, 5.8258,
-1.9145

■ 107.5730, 11.0565,
0.3745

■ 0.0000, 0.0000,
0.0000

■ 133.1000, 11.7827,
0.7893

■ 159.1000, 11.7827,
0.7893

■ 186.2140, 12.2195,
0.6893

■ 214.2140, 12.2195,

0.6893

240.8460, 6.9779,
1.8891

38.5190, 9.6041,
-0.4552

38.5190, 9.6041,
-0.4552

33.5020, 12.0775,
-0.4403

43.5360, 7.1308,
-0.4701

28.4850, 14.5509,
-0.4253

48.5530, 4.6574,
-0.4850

24.0550, 16.7349,
-0.9252

52.9830, 2.4734,
0.0149

19.0380, 19.2083,
-0.9103

58.0000, 0.0000,
0.0000

14.0210, 21.6816,
-0.8954

63.0170, -2.4734,
-0.0149

■ 9.0040, 24.1550,
-0.8805

■ 68.0340, -4.9468,
-0.0298

■ 73.0510, -7.4201,
-0.0447

■ 77.4810, -9.6041,
0.4552

■ 82.4980, -12.0775,
0.4403

Harmonies

Analogous

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



35.2290, 12.7051, -15.1098



38.5190, 9.6041, -0.4552



39.4450, 5.2036, 11.0107

Triad

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



38.5190, 9.6041, -0.4552



37.5690, -9.6475, 14.4100



30.3450, 3.2809, -25.7356

Complementary

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



38.5190, 9.6041, -0.4552



54.4810, -9.6041, 0.4552

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.



34.0710, -4.4720, -12.3403



38.5190, 9.6041, -0.4552



36.7700, -11.2256, 7.2177

Square

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



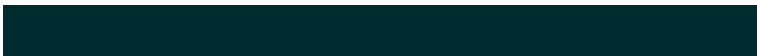
38.5190, 9.6041, -0.4552



37.7420, -5.2958, 18.6433



35.5840, -9.1619, -1.3892



31.3000, 8.2331, -27.4501

Rectangle

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



38.5190, 9.6041, -0.4552



38.9680, 1.9878, 15.8141



35.5840, -9.1619, -1.3892



31.0960, 0.9387, -21.1322

Sweetspot

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



38.5190, 9.6041, -0.4552



68.7380, 4.0732, 0.2298



49.3620, 4.2585, -12.5955



33.8690, 2.0366, 0.1149



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



38.5190, 9.6041, -0.4552



45.7130, 15.4245, -0.6253



41.8080, 7.9827, 6.3074



25.6410, 1.1630, 0.3148



14.0760, 38.4165, -1.8207



33.6370, 91.3840, -4.0666

Inverse Universe

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



44.1570, 5.3456, 12.1403



54.7110, 8.5235, 19.5475



51.1920, -7.9827, -6.3074



26.2390, 0.8682, 1.5444



36.6280, 21.3824, 48.5612



87.2550, 51.1463, 115.5404

Previews

White Background



This preview shows how the YUV color 38.5190, 9.6041, -0.4552 looks on a white background.

Color Contrast Check

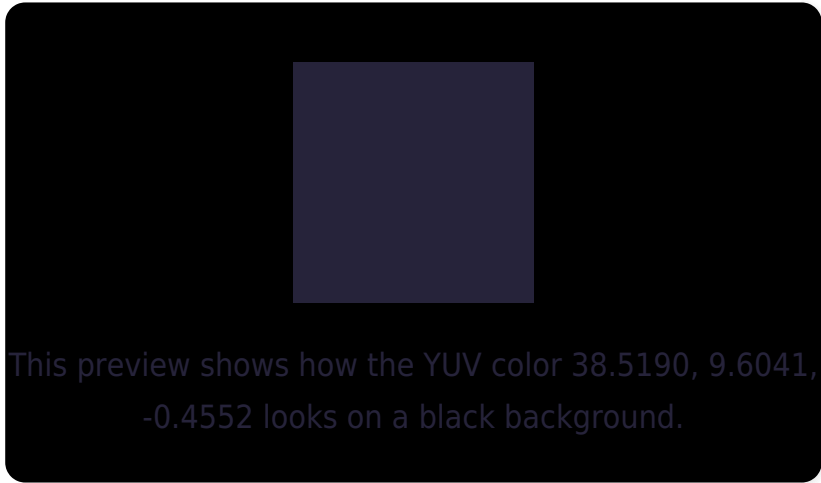
Large Text (above 18pt) WCAG AA ✓ Pass

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

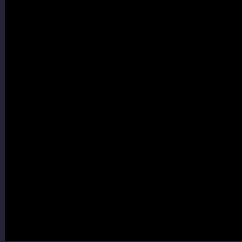
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.5190, 9.6041, -0.4552

Background



This preview shows how black text looks on a background with the YUV color 38.5190, 9.6041, -0.4552.



This preview shows how white text looks on a background with the YUV color 38.5190, 9.6041,

-0.4552.

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

38.5190, 9.6041, -0.4552

Protanopia

37.2300, 11.2256, -7.2177

Deuteranopia

37.4750, 9.6258, -7.4326



Tritanopia

37.2600, 2.3368, -2.8590

Trichromacy



Original Color

38.5190, 9.6041, -0.4552

Protanomaly

37.4260, 10.6360, -4.7586

Deuteranomaly

37.7850, 9.4730, -5.0734

Tritanomaly

37.6560, 5.0996, -2.3293

Monochromacy



Original Color

38.5190, 9.6041, -0.4552

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.5190, 9.6041, -0.4552 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(38, 35, 58)` looks like.

```
.text, #text, p{  
    color:rgb(38, 35, 58)  
}
```

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(38, 35, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 35, 58) }
```

Border

The CSS property to change the border of an element to YUV 38.5190, 9.6041, -0.4552 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(38, 35, 58) }
```


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

```
.border{ border-color:rgb(38, 35, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 35, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 35, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 35, 58);  
box-shadow:4px 4px 4px 4px rgb(38, 35, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.5190, 9.6041, -0.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 35, 58) }
```

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

```
.background{ background-color: rgb(38, 35,  
58) }
```

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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