

Converting Colors

YUV(51.3530, -9.0480, -38.0206)

Have a look what the booklet for
YUV(51.3530, -9.0480, -38.0206)
contains.

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Color

**YUV(51.3530, -9.0480,
-38.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	084D21
RGB	8, 77, 33
RGB Percent	3%, 30%, 13%
CMY	0.9686, 0.6980, 0.8706
CMYK	0.90, 0.00, 0.57, 0.70
HSL	142°, 81%, 17%
HSV	142°, 90%, 30%
XYZ	3.0285, 5.4692, 2.3349
YIQ	51.3530, -27.0000, -28.3120

Conversions

Conversions Part 2

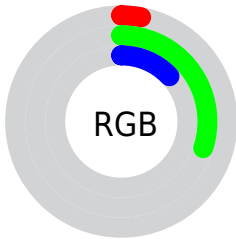
Format	Color
R_{YB}	8, 59, 77
Decimal	544033
CIE _{Lab}	28.03, -31.28, 20.35
CIE _{LCh}	28, 37.316, 146.948
Yxy	5.4692, 0.2796, 0.5049
Android (android.graphics.Color)	4278734113 (0xFF084D21)
YUV	51.3530, -9.0480, -38.0206
Hunter-Lab	23.3863, -17.8102, 10.4509

Details

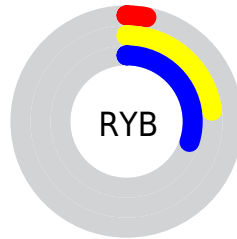
The YUV color **51.3530, -9.0480, -38.0206** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33.6470, 9.0480, 38.0206**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8760, -12.2639, -33.2173**, and **19.9580, -9.8393, -17.5032** is the 20% darker color. If you saturate the color by 10%, you get **48.3910, -10.0528, -42.4389**, and if you desaturate by 10%, it is **54.3150, -8.0433, -33.6023**.

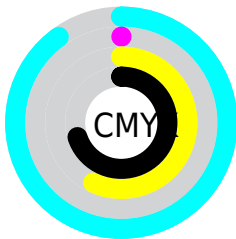
Distribution



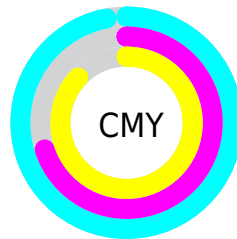
- Red (3%)
- Green (30%)
- Blue (13%)



- Red (3%)
- Yellow (23%)
- Blue (30%)



- Cyan (90%)
- Magenta (0%)
- Yellow (57%)
- Black (70%)



- Cyan (97%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3530, -9.0480, -38.0206 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 51.3530, -9.0480, -38.0206 by changing the saturation by 10% instead.

■ 51.3530, -9.0480,
-38.0206

■ 51.3530, -9.0480,
-38.0206

255.0000, 0.0000,
0.0000

■ 32.9520, -10.8223,
-28.8989

■ 102.8760,
-12.2639, -33.2173

■ 19.9580, -9.8393,
-17.5032

■ 128.7620,
-12.7007, -33.1173

■ 0.0000, 0.0000,
0.0000

■ 155.2350,
-13.4269, -33.5321

■ 182.7080,
-14.1530, -33.9469

■ 210.2950,
-14.4424, -34.4617

■ 233.0120,

-11.8379, -29.8285

■ 244.5760, -3.7350,
-15.4142

■ 51.3530, -9.0480,
-38.0206

■ 51.3530, -9.0480,
-38.0206

■ 48.3910, -10.0528,
-42.4389

■ 54.3150, -8.0433,
-33.6023

■ 56.9780, -6.8912,
-29.7987

■ 59.9400, -5.8864,
-25.3804

■ 62.9020, -4.8817,
-20.9621

■ 65.8640, -3.8770,
-16.5437

■ 68.4130, -3.1616,
-12.6402

■ 71.3750, -2.1569,
-8.2219

■ 74.3370, -1.1521,
-3.8035

■ 77.0000, 0.0000,
0.0000

Harmonies

Analogous

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



59.5070, -25.8860, -3.9526



51.3530, -9.0480, -38.0206



53.4410, 4.2196, -46.8678

Triad

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



51.3530, -9.0480, -38.0206



55.2260, 33.9056, -48.4332



63.5390, -10.6187, 46.0083

Complementary

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



51.3530, -9.0480, -38.0206



33.6470, 9.0480, 38.0206

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.



64.6710, 2.6272, 44.1385



51.3530, -9.0480, -38.0206



66.6120, 25.3343, -5.7987

Square

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



51.3530, -9.0480, -38.0206



58.1950, 27.5119, -51.0370



68.0630, 14.7589, 26.2547



63.5580, -22.9531, 35.4676

Rectangle

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



51.3530, -9.0480, -38.0206



56.3080, 12.6662, -49.3821



68.0630, 14.7589, 26.2547



63.4020, -6.1142, 47.8824

Sweetspot

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



51.3530, -9.0480, -38.0206



89.2880, -3.5930, -14.2846



61.9580, -26.6013, -7.8562



45.0760, -2.0095, -8.8367



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



51.3530, -9.0480, -38.0206



62.2170, -12.9250, -54.5643



55.2290, 5.8031, -41.4198



36.5760, -0.2840, -2.2592



64.0920, -13.3564, -56.2087



144.4720, -30.3057, -126.7019

Inverse Universe

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



33.6470, 9.0480, 38.0206



36.7830, 12.9250, 54.5643



29.7710, -5.8031, 41.4198



35.5380, 0.7208, 2.1592



37.9080, 13.3564, 56.2087



85.4140, 29.8689, 126.8019

Previews

White Background



This preview shows how the YUV color 51.3530, -9.0480, -38.0206 looks on a white background.

Color Contrast Check

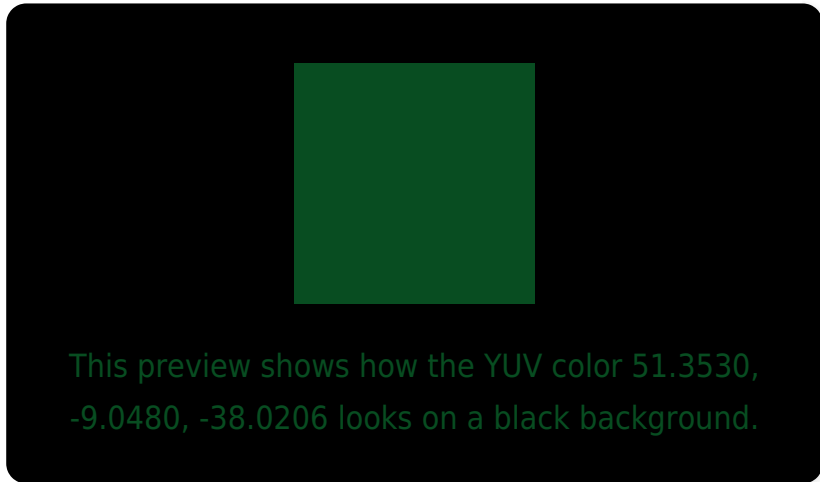
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3530, -9.0480, -38.0206

Background



This preview shows how black text looks on a background with the YUV color 51.3530, -9.0480, -38.0206.



This preview shows how white text looks on a background with the YUV color 51.3530, -9.0480, -38.0206.

-38.0206.

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

51.3530, -9.0480, -38.0206

Protanopia

64.2880, -16.9040, 8.5174

Deuteranopia

65.4180, -14.0101, 13.6654



Tritanopia

60.4250, 8.6645, -25.8057

Trichromacy



Original Color

51.3530, -9.0480, -38.0206

Protanomaly

59.5740, -14.0870, -8.3964

Deuteranomaly

60.1660, -11.9138, -5.4076

Tritanomaly

57.3830, 2.2762, -30.1539

Monochromacy



Original Color

51.3530, -9.0480, -38.0206

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7010, -3.3036, -13.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3530, -9.0480, -38.0206 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(8, 77, 33)` looks like.

```
.text, #text, p{  
    color:rgb(8, 77, 33)  
}
```

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(8, 77, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 77, 33) }
```

Border

The CSS property to change the border of an element to YUV 51.3530, -9.0480, -38.0206 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(8, 77, 33) }
```


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

```
.border{ border-color:rgb(8, 77, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 77, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 77, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 77, 33); box-shadow:4px  
4px 4px 4px rgb(8, 77, 33) }
```

Background

The CSS property to change the background color of an element to YUV 51.3530, -9.0480, -38.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 77, 33) }
```

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

```
.background{ background-color: rgb(8, 77,  
33) }
```

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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