

Converting Colors

YUV(54.8430, -11.7546,
36.9717)

Have a look what the booklet for
YUV(54.8430, -11.7546, 36.9717)
contains.

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Color

**YUV(54.8430, -11.7546,
36.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	61261F
RGB	97, 38, 31
RGB Percent	38%, 15%, 12%
CMY	0.6196, 0.8510, 0.8784
CMYK	0.00, 0.61, 0.68, 0.62
HSL	6°, 52%, 25%
HSV	6°, 68%, 38%
XYZ	5.8702, 4.0265, 1.7641
YIQ	54.8430, 37.4110, 10.3310

Conversions

Conversions Part 2

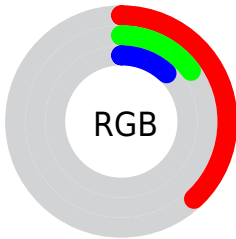
Format	Color
RYB	97, 39, 31
Decimal	6366751
CIELab	23.76, 26.27, 17.94
CIELCh	24, 31.808, 34.337
Yxy	4.0265, 0.5034, 0.3453
Android (android.graphics.Color)	4284556831 (0xFF61261F)
YUV	54.8430, -11.7546, 36.9717
Hunter-Lab	20.0662, 17.1026, 8.8339

Details

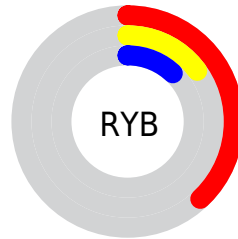
The YUV color **54.8430, -11.7546, 36.9717** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.1570, 11.7546, -36.9717**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.5940, -14.0968, 41.5751**, and **13.7540, -6.7807, 28.2797** is the 20% darker color. If you saturate the color by 10%, you get **48.4200, -13.5181, 42.6047**, and if you desaturate by 10%, it is **61.2660, -9.9911, 31.3387**.

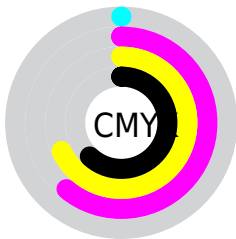
Distribution



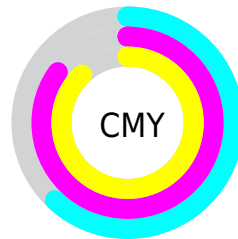
- Red (38%)
- Green (15%)
- Blue (12%)



- Red (38%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (68%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8430, -11.7546, 36.9717 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 54.8430, -11.7546, 36.9717 by changing the saturation by 10% instead.

■ 54.8430, -11.7546,
36.9717

■ 54.8430, -11.7546,
36.9717

■ 255.0000, 0.0000,
0.0000

■ 30.9460, -11.3124,
35.1274

■ 103.5940,
-14.0968, 41.5751

■ 13.7540, -6.7807,
28.2797

■ 129.6760,
-15.1233, 44.1341

■ 0.0000, 0.0000,
0.0000

■ 156.1600,
-15.8549, 45.4637

■ 183.9430,
-16.7339, 47.4080

■ 207.8390,
-15.6966, 41.3602

■ 227.4670,

-11.5692, 24.1464

247.6820, -7.7312,
6.4179

54.8430, -11.7546,
36.9717

54.8430, -11.7546,
36.9717

48.4200, -13.5181,
42.6047

61.2660, -9.9911,
31.3387

42.6980, -15.1341,
47.6229

66.9880, -8.3751,
26.3205

36.2750, -16.8976,
53.2558

73.4110, -6.6116,
20.6876

34.8730, -17.1924,
54.4854

79.8340, -4.8482,
15.0546

85.6700, -2.7953,
9.9364

■ 91.9790, -1.4686,
4.4034

■ 98.4020, 0.2948,
-1.2296

■ 104.2380, 2.3477,
-6.3477

■ 110.5470, 3.6743,
-11.8807

Harmonies

Analogous

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



55.1280, -0.5561, 38.4757



54.8430, -11.7546, 36.9717



54.9590, -21.1788, 26.3460

Triad

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



54.8430, -11.7546, 36.9717



42.7320, -3.8119, -37.4760



45.9020, 28.6423, -40.2561

Complementary

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



54.8430, -11.7546, 36.9717



73.1570, 11.7546, -36.9717

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.



48.8540, 24.7220, -42.8450



54.8430, -11.7546, 36.9717



46.6420, 6.0925, -40.9050

Square

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



54.8430, -11.7546, 36.9717



50.7220, -18.5969, -8.5262



48.7910, 16.8650, -42.7897



58.2450, 18.6132, 3.2931

Rectangle

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



54.8430, -11.7546, 36.9717



53.8670, -25.0774, 16.7796



48.7910, 16.8650, -42.7897



47.6630, 27.7741, -41.8005

Sweetspot

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



54.8430, -11.7546, 36.9717



109.2360, -4.5533, 13.8250



57.4600, 16.0422, 34.6766



53.9580, -2.9373, 8.8068



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



54.8430, -11.7546, 36.9717



59.2540, -18.3662, 57.6592



74.2140, -21.3045, 19.9833



45.1960, -0.5896, 2.4591



40.5320, -19.9823, 62.6774



86.4350, -42.6125, 134.6765

Inverse Universe

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



73.1570, 11.7546, -36.9717



87.7460, 18.3662, -57.6592



53.7860, 21.3045, -19.9833



46.8040, 0.5896, -2.4591



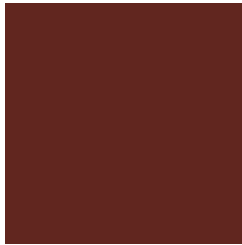
71.4680, 19.9823, -62.6774



152.9780, 42.9018, -134.1617

Previews

White Background



This preview shows how the YUV color 54.8430, -11.7546, 36.9717 looks on a white background.

Color Contrast Check

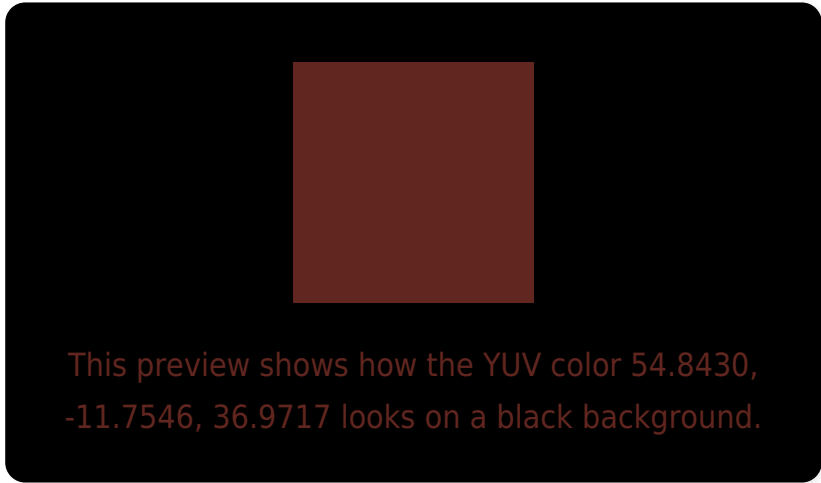
Large Text (above 18pt) WCAG AA ✓ Pass

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

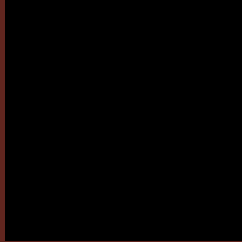
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8430, -11.7546, 36.9717

Background



This preview shows how black text looks on a background with the YUV color 54.8430, -11.7546, 36.9717.

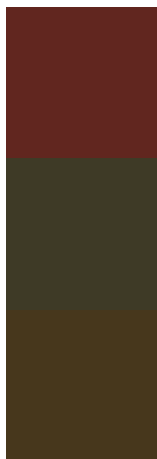


This preview shows how white text looks on a background with the YUV color 54.8430, -11.7546,

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

54.8430, -11.7546, 36.9717

Protanopia

56.9160, -9.3256, 4.4587

Deuteranopia

56.7060, -14.1521, 12.5358



Tritanopia

55.1680, -7.9708, 36.6867

Trichromacy



Original Color

54.8430, -11.7546, 36.9717

Protanomaly

56.3520, -10.5265, 16.3543

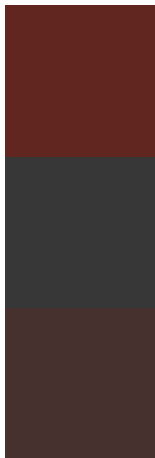
Deuteranomaly

55.9890, -13.3056, 21.0576

Tritanomaly

54.8260, -9.2812, 36.9866

Monochromacy



Original Color

54.8430, -11.7546, 36.9717

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9370, -4.4059, 13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8430, -11.7546, 36.9717 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(97, 38, 31)` looks like.

```
.text, #text, p{  
    color:rgb(97, 38, 31)  
}
```

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(97, 38, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 38, 31) }
```

Border

The CSS property to change the border of an element to YUV 54.8430, -11.7546, 36.9717 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(97, 38, 31) }
```


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

```
.border{ border-color:rgb(97, 38, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 38, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 38, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 38, 31);  
box-shadow:4px 4px 4px 4px rgb(97, 38, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.8430, -11.7546, 36.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 38, 31) }
```

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

```
.background{ background-color: rgb(97, 38,  
31) }
```

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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