

Converting Colors

YUV(88.1310, -18.7986, 9.5321)

Have a look what the booklet for
YUV(88.1310, -18.7986, 9.5321)
contains.

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Color

**YUV(88.1310, -18.7986,
9.5321)**

Conversions

Conversions Part 1

Format	Color
Hex	635A32
RGB	99, 90, 50
RGB Percent	39%, 35%, 20%
CMY	0.6118, 0.6471, 0.8039
CMYK	0.00, 0.09, 0.49, 0.61
HSL	49°, 33%, 29%
HSV	49°, 49%, 39%
XYZ	9.3775, 10.1953, 4.4912
YIQ	88.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

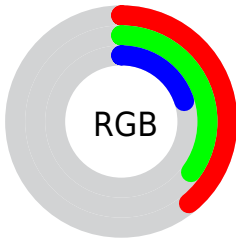
Format	Color
RYB	61, 99, 50
Decimal	6511154
CIELab	38.19, -2.54, 24.33
CIELCh	38, 24.461, 95.963
Yxy	10.1953, 0.3897, 0.4237
Android (android.graphics.Color)	4284701234 (0xFF635A32)
YUV	88.1310, -18.7986, 9.5321
Hunter-Lab	31.9300, -3.4542, 14.0113

Details

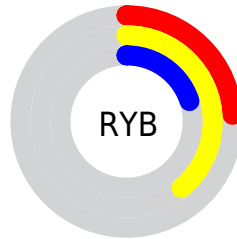
The YUV color **88.1310, -18.7986, 9.5321** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.8690, 18.7986, -9.5321**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3870, -20.4038, 11.0616**, and **42.1200, -18.7932, 7.7878** is the 20% darker color. If you saturate the color by 10%, you get **85.8170, -22.5878, 11.5615**, and if you desaturate by 10%, it is **90.4450, -15.0094, 7.5027**.

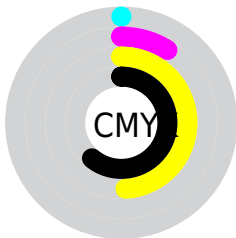
Distribution



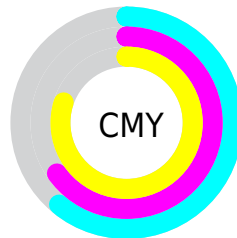
- Red (39%)
- Green (35%)
- Blue (20%)



- Red (24%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1310, -18.7986, 9.5321 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 88.1310, -18.7986, 9.5321 by changing the saturation by 10% instead.

■ 88.1310, -18.7986,
9.5321

■ 88.1310, -18.7986,
9.5321

255.0000, 0.0000,
0.0000

■ 64.6470, -18.0670,
8.2026

■ 138.3870,
-20.4038, 11.0616

■ 42.1200, -18.7932,
7.7878

■ 164.5720,
-20.9880, 11.7764

■ 22.7590, -11.2202,
5.4734

■ 191.7570,
-21.5722, 12.4911

■ 0.0000, 0.0000,
0.0000

■ 219.6430,
-22.0090, 12.5911

■ 246.1370,
-21.2665, 7.7729

■ 252.2640,

-10.4832, 2.3995

■ 88.1310, -18.7986,
9.5321

■ 88.1310, -18.7986,
9.5321

■ 85.8170, -22.5878,
11.5615

■ 90.4450, -15.0094,
7.5027

■ 83.5030, -26.3770,
13.5909

■ 92.7590, -11.2202,
5.4734

■ 81.7760, -30.4556,
15.1054

■ 94.4860, -7.1416,
3.9588

■ 79.4620, -34.2448,
17.1348

■ 96.8000, -3.3524,
1.9294

■ 77.2620, -37.5972,
19.0642

■ 99.1140, 0.4368,
-0.1000

■ 77.1480, -38.0340,
19.1642

■ 101.3140, 3.7892,
-2.0294

■ 103.6280, 7.5784,
-4.0588

■ 105.9420, 11.3676,
-6.0881

■ 107.6690, 15.4462,
-7.6027

Harmonies

Analogous

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



89.5610, -17.5316, 23.1870



88.1310, -18.7986, 9.5321



86.1720, -14.3818, -7.1668

Triad

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



88.1310, -18.7986, 9.5321



71.4680, 19.9823, -62.6774



92.5650, 6.6235, 22.3065

Complementary

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



88.1310, -18.7986, 9.5321



60.8690, 18.7986, -9.5321

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.



91.6320, 14.9714, 4.7077



88.1310, -18.7986, 9.5321



79.9850, 22.6854, -42.9598

Square

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



88.1310, -18.7986, 9.5321



76.4780, 8.1453, -46.0232



88.1560, 20.1361, -18.5538



91.6280, -2.2816, 31.8982

Rectangle

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



88.1310, -18.7986, 9.5321



83.7020, -8.2341, -19.0327



88.1560, 20.1361, -18.5538



92.6290, 9.5499, 16.9884

Sweetspot

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



88.1310, -18.7986, 9.5321



123.3720, -7.5784, 4.0588



65.7910, -2.8550, 29.1243



61.4580, -4.6628, 2.2293



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.



88.1310, -18.7986, 9.5321



111.1180, -29.1452, 14.8055



88.9290, -19.1920, -4.3227



47.5440, -1.7472, 0.3999



87.4920, -43.1336, 21.4935



186.8120, -92.0983, 46.6459

Inverse Universe

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



60.8690, 18.7986, -9.5321



68.8820, 29.1452, -14.8055



60.0710, 19.1920, 4.3227



44.4560, 1.7472, -0.3999



25.0950, 42.8442, -22.0083



53.1880, 92.0983, -46.6459

Previews

White Background



This preview shows how the YUV color 88.1310, -18.7986, 9.5321 looks on a white background.

Color Contrast Check

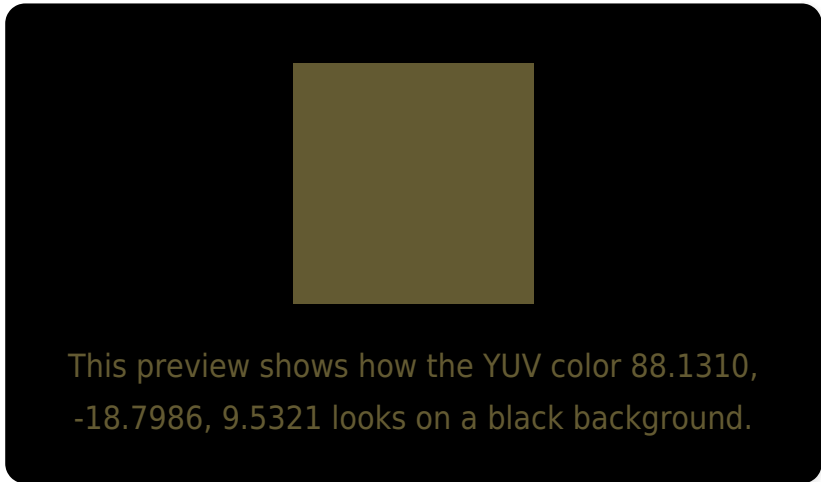
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

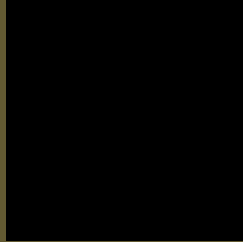
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1310, -18.7986, 9.5321

Background



This preview shows how black text looks on a background with the YUV color 88.1310, -18.7986, 9.5321.



This preview shows how white text looks on a background with the YUV color 88.1310, -18.7986,

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

88.1310, -18.7986, 9.5321

Protanopia

88.1310, -18.7986, 9.5321

Deuteranopia

89.1860, -18.8257, 18.2539



Tritanopia

91.1800, 0.4043, 10.3661

Trichromacy



Original Color

88.1310, -18.7986, 9.5321

Protanomaly

88.1310, -18.7986, 9.5321

Deuteranomaly

88.5770, -18.5255, 15.2800

Tritanomaly

90.3450, -6.5791, 10.2214

Monochromacy



Original Color

88.1310, -18.7986, 9.5321

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1310, -18.7986, 9.5321 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(99, 90, 50)` looks like.

```
.text, #text, p{  
    color:rgb(99, 90, 50)  
}
```

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(99, 90, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 90, 50) }
```

Border

The CSS property to change the border of an element to YUV 88.1310, -18.7986, 9.5321 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(99, 90, 50) }
```


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

```
.border{ border-color:rgb(99, 90, 50) }
```

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

Here you see how a box with a 4 pixel rgb(99, 90, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 90, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 90, 50);  
box-shadow:4px 4px 4px 4px rgb(99, 90, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.1310, -18.7986, 9.5321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 90, 50) }
```

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

```
.background{ background-color: rgb(99, 90,  
50) }
```

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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