

Converting Colors

YUV(47.6570, -13.1419,
15.2098)

Have a look what the booklet for
YUV(47.6570, -13.1419, 15.2098)
contains.

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Color

**YUV(47.6570, -13.1419,
15.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	412C15
RGB	65, 44, 21
RGB Percent	25%, 17%, 8%
CMY	0.7451, 0.8275, 0.9176
CMYK	0.00, 0.32, 0.68, 0.75
HSL	31°, 51%, 17%
HSV	31°, 68%, 25%
XYZ	3.2160, 2.9793, 1.1150
YIQ	47.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

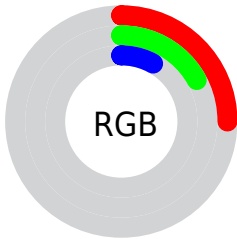
Format	Color
RYB	61, 65, 21
Decimal	4271125
CIELab	19.96, 6.72, 18.57
CIElCh	20, 19.747, 70.117
Yxy	2.9793, 0.4399, 0.4075
Android (android.graphics.Color)	4282461205 (0xFF412C15)
YUV	47.6570, -13.1419, 15.2098
Hunter-Lab	17.2607, 3.0518, 8.2524

Details

The YUV color **47.6570, -13.1419, 15.2098** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **38.3430, 13.1419, -15.2098**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9240, -14.7525, 18.4837**, and **4.7840, -2.3585, 9.8364** is the 20% darker color. If you saturate the color by 10%, you get **45.0980, -15.3313, 17.4541**, and if you desaturate by 10%, it is **50.1020, -11.3893, 13.0655**.

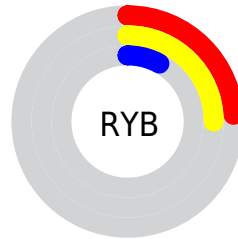
Distribution



Red (25%)

Green (17%)

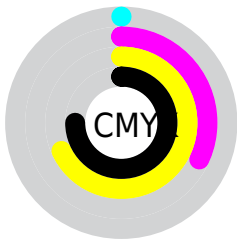
Blue (8%)



Red (24%)

Yellow (25%)

Blue (8%)

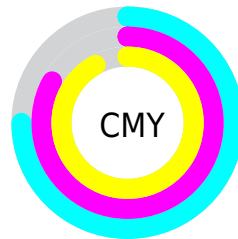


Cyan (0%)

Magenta (32%)

Yellow (68%)

Black (75%)



Cyan (75%)

Magenta (83%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6570, -13.1419, 15.2098 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 47.6570, -13.1419, 15.2098 by changing the saturation by 10% instead.

■ 47.6570, -13.1419,
15.2098

■ 47.6570, -13.1419,
15.2098

■ 254.2020, -3.0576,
0.6998

■ 26.3580, -12.9945,
14.5950

■ 93.9240, -14.7525,
18.4837

■ 4.7840, -2.3585,
9.8364

■ 119.1090,
-15.3367, 19.1984

■ 0.0000, 0.0000,
0.0000

■ 144.5930,
-16.0683, 20.5279

■ 171.7780,
-16.6526, 21.2427

■ 198.9630,
-17.2368, 21.9574

■ 227.1480,

-17.8210, 22.6722

■ 247.3740,
-13.9884, 6.6880

■ 47.6570, -13.1419,
15.2098

■ 47.6570, -13.1419,
15.2098

■ 45.0980, -15.3313,
17.4541

■ 50.1020, -11.3893,
13.0655

■ 42.6530, -17.0839,
19.5983

■ 52.6610, -9.1999,
10.8213

■ 40.2080, -18.8365,
21.7426

■ 55.2200, -7.0105,
8.5771

■ 39.3930, -19.4207,
22.4573

■ 57.6650, -5.2578,
6.4328

■ 60.6970, -3.7946,
3.7737

■ 63.2560, -1.6052,
1.5295

■ 65.7010, 0.1474,
-0.6148

■ 68.2600, 2.3368,
-2.8590

■ 70.8190, 4.5262,
-5.1033

Harmonies

Analogous

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



48.1400, -8.9430, 21.8022



47.6570, -13.1419, 15.2098



46.4770, -13.5462, 4.8437

Triad

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



47.6570, -13.1419, 15.2098



38.9140, 6.9444, -34.1276



49.9650, 9.8773, 5.2927

Complementary

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



47.6570, -13.1419, 15.2098



38.3430, 13.1419, -15.2098

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.



47.1200, 14.7308, -11.5062



47.6570, -13.1419, 15.2098



39.8090, 12.9122, -34.9125

Square

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



47.6570, -13.1419, 15.2098



41.4010, -1.6767, -22.2767



39.0740, 17.7115, -34.2679



49.8480, 4.0189, 17.6733

Rectangle

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



47.6570, -13.1419, 15.2098



45.5900, -11.6299, -3.1484



39.0740, 17.7115, -34.2679



48.8010, 11.9301, 0.1745

Sweetspot

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



47.6570, -13.1419, 15.2098



77.3660, -5.1104, 5.8180



36.5500, 2.6869, 24.9507



38.9250, -2.9210, 3.5738



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.6570, -13.1419, 15.2098



57.4640, -20.4418, 23.2721



59.6850, -19.0717, 3.7843



32.0710, -1.0210, 0.8147



58.9400, -29.0574, 33.3786



135.6550, -66.8779, 77.4786

Inverse Universe

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



38.3430, 13.1419, -15.2098



43.1230, 20.1524, -23.7869



26.3150, 19.0717, -3.7843



30.9290, 1.0210, -0.8147



38.0600, 29.0574, -33.3786



88.3450, 66.8779, -77.4786

Previews

White Background



This preview shows how the YUV color 47.6570, -13.1419, 15.2098 looks on a white background.

Color Contrast Check

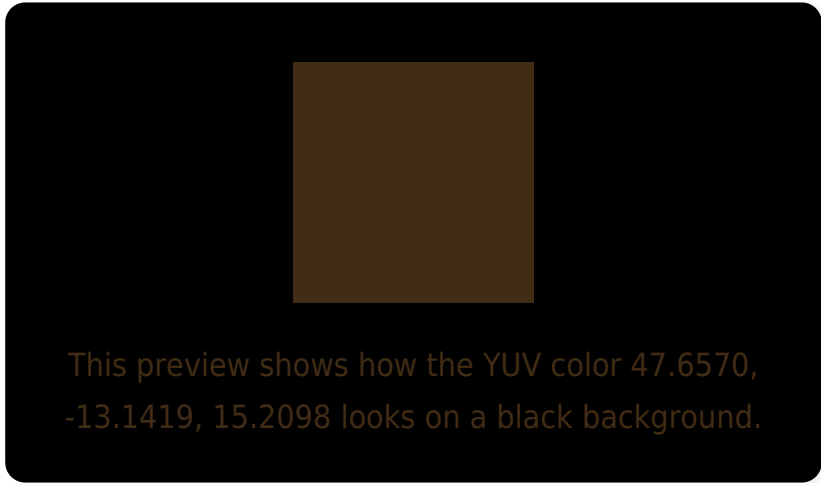
Large Text (above 18pt) WCAG AA ✓ Pass

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

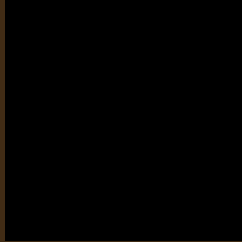
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6570, -13.1419, 15.2098

Background



This preview shows how black text looks on a background with the YUV color 47.6570, -13.1419, 15.2098.

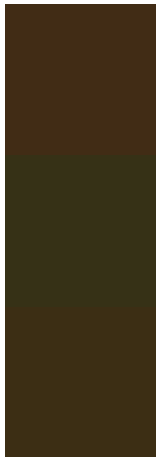


This preview shows how white text looks on a background with the YUV color 47.6570, -13.1419,

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

47.6570, -13.1419, 15.2098

Protanopia

47.4170, -12.5306, 5.7733

Deuteranopia

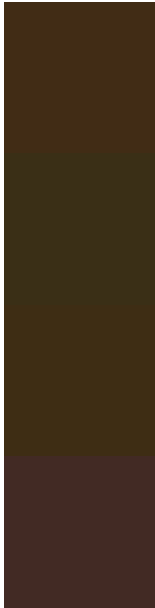
47.2220, -13.4204, 11.2063



Tritanopia

49.2300, -2.0854, 15.5843

Trichromacy



Original Color

47.6570, -13.1419, 15.2098

Protanomaly

47.4390, -12.5414, 9.2620

Deuteranomaly

47.2330, -13.4259, 12.9507

Tritanomaly

48.4920, -6.1586, 15.3545

Monochromacy



Original Color

47.6570, -13.1419, 15.2098

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0670, -4.9630, 5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6570, -13.1419, 15.2098 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(65, 44, 21)` looks like.

```
.text, #text, p{  
    color:rgb(65, 44, 21)  
}
```

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(65, 44, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 44, 21) }
```

Border

The CSS property to change the border of an element to YUV 47.6570, -13.1419, 15.2098 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(65, 44, 21) }
```


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

```
.border{ border-color:rgb(65, 44, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 44, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 44, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 44, 21);  
box-shadow:4px 4px 4px 4px rgb(65, 44, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.6570, -13.1419, 15.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 44, 21) }
```

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

```
.background{ background-color: rgb(65, 44,  
21) }
```

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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