

Converting Colors

YUV(84.2050, -10.9471,
11.2212)

Have a look what the booklet for
YUV(84.2050, -10.9471, 11.2212)
contains.

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Color

**YUV(84.2050, -10.9471,
11.2212)**

Conversions

Conversions Part 1

Format	Color
Hex	61523E
RGB	97, 82, 62
RGB Percent	38%, 32%, 24%
CMY	0.6196, 0.6784, 0.7569
CMYK	0.00, 0.15, 0.36, 0.62
HSL	34°, 22%, 31%
HSV	34°, 36%, 38%
XYZ	8.8166, 8.9238, 5.8152
YIQ	84.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

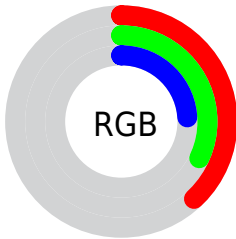
Format	Color
R_{YB}	88, 97, 62
Decimal	6378046
CIE _{Lab}	35.84, 2.90, 14.06
CIE _{LCh}	36, 14.353, 78.336
Yxy	8.9238, 0.3743, 0.3788
Android (android.graphics.Color)	4284568126 (0xFF61523E)
YUV	84.2050, -10.9471, 11.2212
Hunter-Lab	29.8727, 0.4049, 9.3691

Details

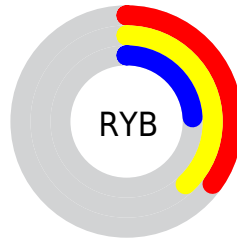
The YUV color **84.2050, -10.9471, 11.2212** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **74.7950, 10.9471, -11.2212**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6890, -11.6787, 12.5507**, and **38.8350, -9.7787, 9.7917** is the 20% darker color. If you saturate the color by 10%, you get **80.7170, -14.1575, 14.2802**, and if you desaturate by 10%, it is **87.6930, -7.7366, 8.1622**.

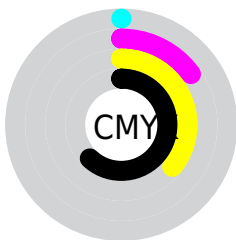
Distribution



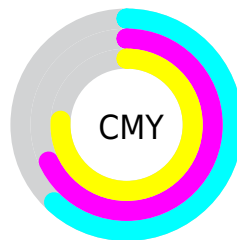
- Red (38%)
- Green (32%)
- Blue (24%)



- Red (35%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (15%)
- Yellow (36%)
- Black (62%)



- Cyan (62%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2050, -10.9471, 11.2212 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 84.2050, -10.9471, 11.2212 by changing the saturation by 10% instead.

■ 84.2050, -10.9471,
11.2212

■ 84.2050, -10.9471,
11.2212

■ 255.0000, 0.0000,
0.0000

■ 61.0200, -10.3629,
10.5065

■ 133.6890,
-11.6787, 12.5507

■ 38.8350, -9.7787,
9.7917

■ 159.8740,
-12.2629, 13.2655

■ 18.6500, -9.1944,
9.0770

■ 187.0590,
-12.8471, 13.9803

■ 0.0000, 0.0000,
0.0000

■ 214.9450,
-13.2839, 14.0802

■ 241.7490,
-12.6943, 11.6211

■ 253.8600, -4.3680,

0.9998

■ 84.2050, -10.9471,
11.2212

■ 84.2050, -10.9471,
11.2212

■ 80.7170, -14.1575,
14.2802

■ 87.6930, -7.7366,
8.1622

■ 77.3430, -16.9311,
17.2392

■ 91.0670, -4.9630,
5.2032

■ 73.8550, -20.1415,
20.2982

■ 94.5550, -1.7526,
2.1443

■ 69.7800, -23.0625,
23.8719

■ 98.6300, 1.1684,
-1.4295

■ 66.2920, -26.2730,
26.9309

■ 102.0040, 3.9420,
-4.3885

■ 62.9180, -29.0466,
29.8899

■ 105.4920, 7.1524,
-7.4475

■ 61.2880, -30.2150,
31.3194

■ 108.9800, 10.3629,
-10.5065

■ 112.4680, 13.5733,
-13.5654

■ 115.8420, 16.3469,
-16.5244

Harmonies

Analogous

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



84.9330, -8.3480, 17.5988



84.2050, -10.9471, 11.2212



82.9650, -10.3357, 1.7847

Triad

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



84.2050, -10.9471, 11.2212



79.3390, 5.7489, -23.9763



86.1780, 6.8142, 7.7369

Complementary

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



84.2050, -10.9471, 11.2212



74.7950, 10.9471, -11.2212

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.



84.7250, 10.4886, -4.1438



84.2050, -10.9471, 11.2212



79.6040, 10.5482, -23.3317

Square

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



84.2050, -10.9471, 11.2212



79.7760, -0.3826, -17.3436



82.2890, 11.6895, -16.0395



85.8540, 1.5510, 15.9140

Rectangle

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



84.2050, -10.9471, 11.2212



82.2030, -7.9881, -4.5630



82.2890, 11.6895, -16.0395



85.4980, 8.1355, 3.9483

Sweetspot

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



84.2050, -10.9471, 11.2212



119.8820, -4.3788, 4.4885



74.1750, 1.3927, 20.0175



60.6260, -2.7736, 2.9590



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.



84.2050, -10.9471, 11.2212



105.3430, -16.9311, 17.2392



92.4120, -14.9931, 2.2697



46.3700, -1.1684, 1.4295



71.0560, -35.0306, 35.9079



152.1790, -75.0242, 77.0190

Inverse Universe

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



74.7950, 10.9471, -11.2212



90.6570, 16.9311, -17.2392



66.5880, 14.9931, -2.2697



45.6300, 1.1684, -1.4295



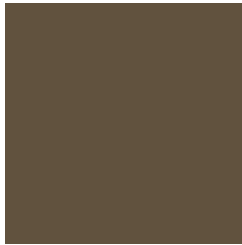
40.9440, 35.0306, -35.9079



87.8210, 75.0242, -77.0190

Previews

White Background



This preview shows how the YUV color 84.2050, -10.9471, 11.2212 looks on a white background.

Color Contrast Check

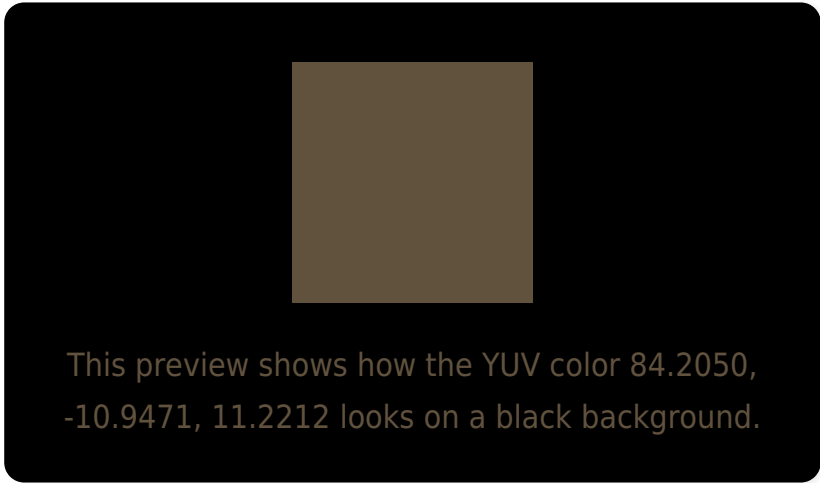
Large Text (above 18pt) WCAG AA ✓ Pass

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

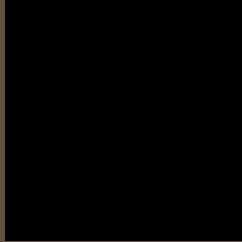
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2050, -10.9471, 11.2212

Background



This preview shows how black text looks on a background with the YUV color 84.2050, -10.9471, 11.2212.

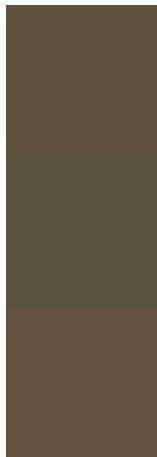


This preview shows how white text looks on a background with the YUV color 84.2050, -10.9471,

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

84.2050, -10.9471, 11.2212

Protanopia

83.4000, -10.0572, 5.7882

Deuteranopia

84.5150, -11.0999, 13.5803



Tritanopia

85.6640, -0.3274, 11.6957

Trichromacy



Original Color

84.2050, -10.9471, 11.2212

Protanomaly

83.7100, -10.2100, 8.1473

Deuteranomaly

84.2160, -10.9525, 12.9656

Tritanomaly

85.0400, -3.9637, 11.3659

Monochromacy



Original Color

84.2050, -10.9471, 11.2212

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2050, -10.9471, 11.2212 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, 82, 62)` looks like.

```
.text, #text, p{  
    color:rgb(97, 82, 62)  
}
```

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, 82, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 82, 62) }
```

Border

The CSS property to change the border of an element to YUV 84.2050, -10.9471, 11.2212 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, 82, 62) }
```


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

```
.border{ border-color:rgb(97, 82, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 82, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 82, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 82, 62);  
box-shadow:4px 4px 4px 4px rgb(97, 82, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2050, -10.9471, 11.2212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 82, 62) }
```

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

```
.background{ background-color: rgb(97, 82,  
62) }
```

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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