

Converting Colors

YUV(120.7060, -14.1521,
12.5358)

Have a look what the booklet for
YUV(120.7060, -14.1521, 12.5358)
contains.

YUV(120.7060, -14.1521, 12.5358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.7060, -14.1521,
12.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	87775C
RGB	135, 119, 92
RGB Percent	53%, 47%, 36%
CMY	0.4706, 0.5333, 0.6392
CMYK	0.00, 0.12, 0.32, 0.47
HSL	38°, 19%, 45%
HSV	38°, 32%, 53%
XYZ	18.5203, 19.1173, 12.8391
YIQ	120.7060, 18.2030, -5.0050

Conversions

Conversions Part 2

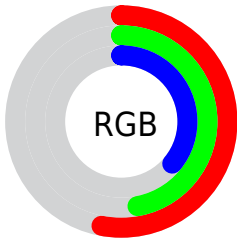
Format	Color
RYB	117, 135, 92
Decimal	8877916
CIELab	50.82, 1.84, 17.14
CIELCh	51, 17.238, 83.882
Yxy	19.1173, 0.3669, 0.3787
Android (android.graphics.Color)	4287067996 (0xFF87775C)
YUV	120.7060, -14.1521, 12.5358
Hunter-Lab	43.7233, -0.9069, 13.1961

Details

The YUV color $120.7060, -14.1521, 12.5358$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $106.2940, 14.1521, -12.5358$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $173.0760, -15.3205, 13.9653$, and $72.0370, -12.8362, 10.4916$ is the 20% darker color. If you saturate the color by 10%, you get $116.2890, -18.3835, 16.4095$, and if you desaturate by 10%, it is $125.2370, -9.4838, 8.5622$.

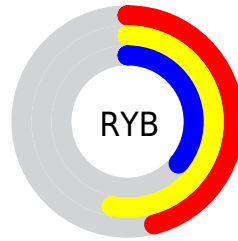
Distribution



Red (53%)

Green (47%)

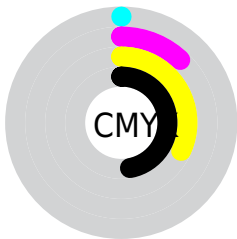
Blue (36%)



Red (46%)

Yellow (53%)

Blue (36%)

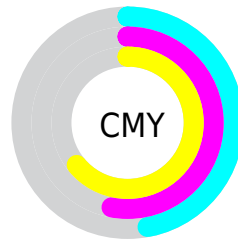


Cyan (0%)

Magenta (12%)

Yellow (32%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7060, -14.1521, 12.5358 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 120.7060, -14.1521, 12.5358 by changing the saturation by 10% instead.

■ 120.7060,
-14.1521, 12.5358

■ 120.7060,
-14.1521, 12.5358

■ 255.0000, 0.0000,
0.0000

■ 95.5210, -13.5679,
11.8211

■ 173.0760,
-15.3205, 13.9653

■ 72.0370, -12.8362,
10.4916

■ 200.3750,
-15.4679, 14.5801

■ 49.2650, -11.9626,
10.2916

■ 228.5600,
-16.0521, 15.2949

■ 28.0970, -13.8518,
9.5619

■ 251.4660,
-13.5407, 3.0993

■ 3.2780, -1.6161,
5.0182

■ 254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 120.7060,
-14.1521, 12.5358

■ 120.7060,
-14.1521, 12.5358

■ 116.2890,
-18.3835, 16.4095

■ 125.2370, -9.4838,
8.5622

■ 111.7580,
-23.0517, 20.3832

■ 129.6540, -5.2524,
4.6884

■ 107.2270,
-27.7199, 24.3569

■ 134.0710, -1.0210,
0.8147

■ 102.8100,
-31.9513, 28.2306

■ 138.6020, 3.6472,
-3.1590

■ 98.3930, -36.1827,
32.1043

■ 143.1330, 8.3154,
-7.1326

■ 93.8620, -40.8510,
36.0780

■ 147.5500, 12.5469,
-11.0063

■ 90.2600, -44.4982,
39.2370

■ 152.0810, 17.2151,
-14.9800

■ 156.4980, 21.4465,

-18.8537

■ 161.0290, 26.1147,
-22.8274

Harmonies

Analogous

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



121.7440, -11.7058, 21.2725



120.7060, -14.1521, 12.5358



119.3840, -12.5143, 0.5402

Triad

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



120.7060, -14.1521, 12.5358



114.6910, 8.5333, -30.4240



123.7270, 7.5296, 11.6404

Complementary

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



120.7060, -14.1521, 12.5358



106.2940, 14.1521, -12.5358

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.



122.0180, 12.8091, -1.7698



120.7060, -14.1521, 12.5358



116.0810, 13.7641, -28.1350

Square

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



120.7060, -14.1521, 12.5358



115.3730, 0.8021, -24.0061



119.2010, 15.1839, -16.8393



123.6590, 0.6611, 21.3471

Rectangle

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



120.7060, -14.1521, 12.5358



117.6540, -8.7034, -8.4666



119.2010, 15.1839, -16.8393



123.1610, 9.2876, 7.7518

Sweetspot

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



120.7060, -14.1521, 12.5358



169.8390, -5.8366, 5.4032



106.6810, 0.6503, 24.8358



85.5120, -3.2104, 3.0590



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



120.7060, -14.1521, 12.5358



153.6870, -22.0307, 19.5685



128.6030, -18.0453, 1.2252



64.1420, -2.0420, 1.6295



87.0040, -42.8930, 37.7075



2.0710, -1.0210, 0.8147

Inverse Universe

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



106.2940, 14.1521, -12.5358



131.3130, 22.0307, -19.5685



98.3970, 18.0453, -1.2252



61.8580, 2.0420, -1.6295



42.9960, 42.8930, -37.7075



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 120.7060, -14.1521, 12.5358 looks on a white 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

Black Background



This preview shows how the YUV color 120.7060, -14.1521, 12.5358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

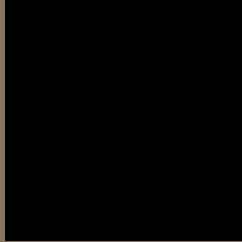
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7060, -14.1521, 12.5358

Background



This preview shows how black text looks on a background with the YUV color 120.7060, -14.1521, 12.5358.

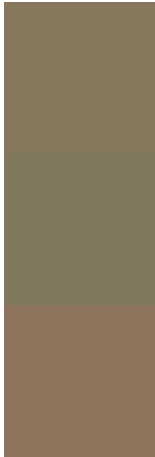


This preview shows how white text looks on a background with the YUV color 120.7060, -14.1521,

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

120.7060, -14.1521, 12.5358

Protanopia

120.2000, -13.4096, 7.7176

Deuteranopia

121.1520, -13.8789, 18.2837



Tritanopia

123.2020, 0.3934, 13.8548

Trichromacy



Original Color

120.7060, -14.1521, 12.5358

Protanomaly

120.2110, -13.4150, 9.4620

Deuteranomaly

120.8420, -13.7261, 15.9246

Tritanomaly

122.1220, -4.9901, 13.9250

Monochromacy



Original Color

120.7060, -14.1521, 12.5358

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6540, -5.2524, 4.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7060, -14.1521, 12.5358 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(135, 119, 92)` looks like.

```
.text, #text, p{  
    color:rgb(135, 119, 92)  
}
```

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(135, 119, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 119, 92) }
```

Border

The CSS property to change the border of an element to YUV 120.7060, -14.1521, 12.5358 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(135, 119, 92) }
```


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

```
.border{ border-color:rgb(135, 119, 92) }
```

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

Here you see how a box with a 4 pixel rgb(135, 119, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 119, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 119, 92);  
box-shadow:4px 4px 4px 4px rgb(135, 119,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 120.7060, -14.1521, 12.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 119, 92) }
```

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

```
.background{ background-color: rgb(135,  
119, 92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor