

Converting Colors

YUV(96.7130, -4.7885, -4.1333)

Have a look what the booklet for
YUV(96.7130, -4.7885, -4.1333)
contains.

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Color

**YUV(96.7130, -4.7885,
-4.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6557
RGB	92, 101, 87
RGB Percent	36%, 40%, 34%
CMY	0.6392, 0.6039, 0.6588
CMYK	0.09, 0.00, 0.14, 0.60
HSL	99°, 7%, 37%
HSV	99°, 14%, 40%
XYZ	10.7876, 12.2708, 10.8168
YIQ	96.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

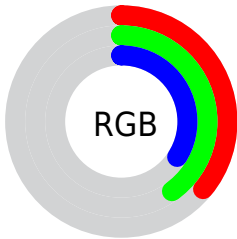
Format	Color
R_{YB}	87, 101, 96
Decimal	6055255
CIE Lab	41.64, -6.38, 6.76
CIE LCh	42, 9.292, 133.351
Yxy	12.2708, 0.3185, 0.3622
Android (android.graphics.Color)	4284245335 (0xFF5C6557)
YUV	96.7130, -4.7885, -4.1333
Hunter-Lab	35.0297, -6.3318, 6.2127

Details

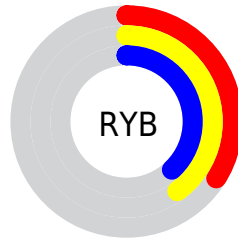
The YUV color **96.7130, -4.7885, -4.1333** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.2870, 4.7885, 4.1333**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3000, -5.0779, -4.6481**, and **50.2400, -4.0623, -3.7185** is the 20% darker color. If you saturate the color by 10%, you get **93.7790, -8.2720, -6.8222**, and if you desaturate by 10%, it is **99.6470, -1.3050, -1.4444**.

Distribution



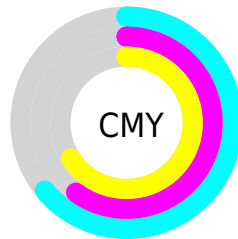
- Red (36%)
- Green (40%)
- Blue (34%)



- Red (34%)
- Yellow (40%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (14%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7130, -4.7885, -4.1333 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 96.7130, -4.7885, -4.1333 by changing the saturation by 10% instead.

■ 96.7130, -4.7885,
-4.1333

■ 96.7130, -4.7885,
-4.1333

■ 255.0000, 0.0000,
0.0000

■ 72.8270, -4.3517,
-4.2333

■ 147.3000, -5.0779,
-4.6481

■ 50.2400, -4.0623,
-3.7185

■ 174.1860, -5.5147,
-4.5481

■ 29.2400, -4.0623,
-3.7185

■ 201.1860, -5.5147,
-4.5481

■ 6.4570, -3.1833,
-5.6628

■ 229.1860, -5.5147,
-4.5481

■ 0.0000, 0.0000,
0.0000

■ 253.3760, -3.6364,
-0.3298

■ 96.7130, -4.7885,
-4.1333

■ 96.7130, -4.7885,
-4.1333

■ 93.7790, -8.2720,
-6.8222

■ 99.6470, -1.3050,
-1.4444

■ 90.5460, -11.6082,
-10.1258

■ 102.8800, 2.0312,
1.8592

■ 87.6120, -15.0917,
-12.8147

■ 105.8140, 5.5147,
4.5481

■ 84.3790, -18.4278,
-16.1184

■ 109.0470, 8.8508,
7.8518

■ 81.4450, -21.9114,
-18.8073

■ 112.0950, 12.7712,
10.4407

■ 78.0980, -25.6843,
-22.0109

■ 115.3280, 16.1073,
13.7443

■ 75.1640, -29.1679,
-24.6998

■ 118.2620, 19.5908,
16.4332

■ 71.9310, -32.5040,

■ 121.4950, 22.9270,

-28.0035

19.7369

■ 70.0510, -34.5351,
-29.8627

■ 124.4290, 26.4105,
22.4258

Harmonies

Analogous

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



97.7740, -7.2836, 2.8292



96.7130, -4.7885, -4.1333



95.7060, -0.8411, -10.2662

Triad

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



96.7130, -4.7885, -4.1333



96.9970, 7.8895, -10.5214



99.5070, -2.2220, 12.7104

Complementary

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



96.7130, -4.7885, -4.1333



91.2870, 4.7885, 4.1333

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.



99.5220, 1.7147, 10.0662



96.7130, -4.7885, -4.1333



98.5140, 7.1416, -3.9588

Square

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



96.7130, -4.7885, -4.1333



95.8070, 6.0111, -14.7397



99.2870, 4.7885, 4.1333



98.9970, -5.4215, 12.2806

Rectangle

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



96.7130, -4.7885, -4.1333



95.6670, 1.6432, -13.7400



99.2870, 4.7885, 4.1333



99.8490, -0.9116, 12.4104

Sweetspot

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



96.7130, -4.7885, -4.1333



128.5330, -1.7418, -1.3444



96.4690, -4.6682, 3.9737



65.0600, -1.0156, -0.9296



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



96.7130, -4.7885, -4.1333



123.3060, -7.5459, -6.4074



95.4460, -3.1779, -7.4071



49.5330, -1.7418, -1.3444



79.7640, -39.3237, -33.9960



168.0670, -82.8570, -71.0958

Inverse Universe

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



91.2870, 4.7885, 4.1333



114.6940, 7.5459, 6.4074



92.5540, 3.1779, 7.4071



47.4670, 1.7418, 1.3444



35.2360, 39.3237, 33.9960



74.2320, 82.7096, 71.7105

Previews

White Background



This preview shows how the YUV color 96.7130, -4.7885, -4.1333 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



This preview shows how the YUV color 96.7130, -4.7885, -4.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

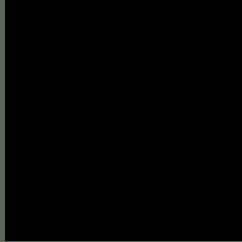
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

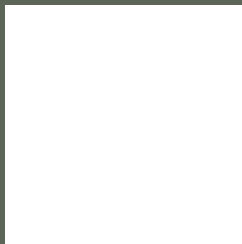
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.7130, -4.7885, -4.1333

Background



This preview shows how black text looks on a background with the YUV color 96.7130, -4.7885, -4.1333.



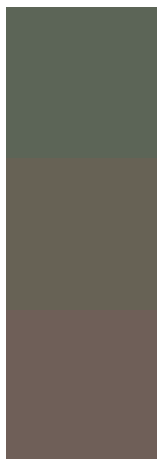
This preview shows how white text looks on a background with the YUV color 96.7130, -4.7885, -4.1333.

-4.1333.

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

96.7130, -4.7885, -4.1333

Protanopia

98.0130, -6.4154, 4.3736

Deuteranopia

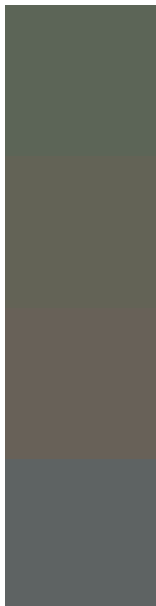
98.9860, -5.4161, 10.5363



Tritanopia

98.0150, 3.9366, -2.6442

Trichromacy



Original Color

96.7130, -4.7885, -4.1333

Protanomaly

97.5180, -5.6784, 1.2997

Deuteranomaly

98.0670, -4.9630, 5.2032

Tritanomaly

97.5050, 0.7370, -3.0739

Monochromacy



Original Color

96.7130, -4.7885, -4.1333

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.5330, -1.7418, -1.3444

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7130, -4.7885, -4.1333 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(92, 101, 87)` looks like.

```
.text, #text, p{  
    color:rgb(92, 101, 87)  
}
```

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(92, 101, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 101, 87) }
```

Border

The CSS property to change the border of an element to YUV 96.7130, -4.7885, -4.1333 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(92, 101, 87) }
```


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

```
.border{ border-color:rgb(92, 101, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 101, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 101, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 101, 87);  
box-shadow:4px 4px 4px 4px rgb(92, 101,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 96.7130, -4.7885, -4.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 101, 87) }
```

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

```
.background{ background-color: rgb(92, 101,  
87) }
```

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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