

Converting Colors

YUV(81.2930, -14.4414,
12.0210)

Have a look what the booklet for
YUV(81.2930, -14.4414, 12.0210)
contains.

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Color

**YUV(81.2930, -14.4414,
12.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5034
RGB	95, 80, 52
RGB Percent	37%, 31%, 20%
CMY	0.6275, 0.6863, 0.7961
CMYK	0.00, 0.16, 0.45, 0.63
HSL	39°, 29%, 29%
HSV	39°, 45%, 37%
XYZ	8.2078, 8.4182, 4.4411
YIQ	81.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

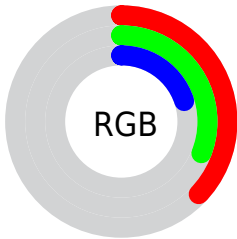
Format	Color
R_{YB}	75, 95, 52
Decimal	6246452
CIE Lab	34.84, 1.87, 18.81
CIE LCh	35, 18.901, 84.322
Yxy	8.4182, 0.3896, 0.3996
Android (android.graphics.Color)	4284436532 (0xFF5F5034)
YUV	81.2930, -14.4414, 12.0210
Hunter-Lab	29.0141, -0.2786, 11.2345

Details

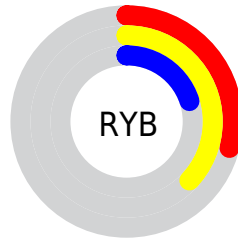
The YUV color **81.2930, -14.4414, 12.0210** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **65.7070, 14.4414, -12.0210**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6630, -15.6099, 13.4505**, and **36.2820, -14.4360, 10.2767** is the 20% darker color. If you saturate the color by 10%, you get **78.5060, -17.5045, 14.4652**, and if you desaturate by 10%, it is **84.1940, -10.9416, 9.4769**.

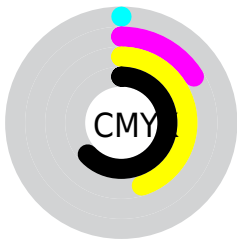
Distribution



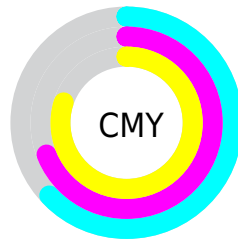
- Red (37%)
- Green (31%)
- Blue (20%)



- Red (29%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (63%)



- Cyan (63%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2930, -14.4414, 12.0210 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 81.2930, -14.4414, 12.0210 by changing the saturation by 10% instead.

81.2930, -14.4414,
12.0210

81.2930, -14.4414,
12.0210

255.0000, 0.0000,
0.0000

58.1080, -13.8572,
11.3063

130.6630,
-15.6099, 13.4505

36.2820, -14.4360,
10.2767

156.8480,
-16.1941, 14.1653

16.2800, -8.0260,
7.6474

184.0330,
-16.7783, 14.8801

0.0000, 0.0000,
0.0000

211.3320,
-16.9257, 15.4948

239.2070,
-17.3571, 13.8505

252.3780,

-10.0464, 2.2995

■ 81.2930, -14.4414,
12.0210

■ 81.2930, -14.4414,
12.0210

■ 78.5060, -17.5045,
14.4652

■ 84.1940, -10.9416,
9.4769

■ 75.0180, -20.7149,
17.5242

■ 87.5680, -8.1680,
6.5179

■ 72.1170, -24.2147,
20.0684

■ 90.4690, -4.6682,
3.9737

■ 69.3300, -27.2777,
22.5126

■ 93.2560, -1.6052,
1.5295

■ 65.8420, -30.4881,
25.5716

■ 96.7440, 1.6052,
-1.5295

■ 64.7990, -31.9459,
26.4863

■ 99.5310, 4.6682,
-3.9737

■ 102.4320, 8.1680,
-6.5179

■ 105.8060, 10.9416,
-9.4769

■ 108.7070, 14.4414,
-12.0210

Harmonies

Analogous

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



82.3310, -11.9952, 20.7577



81.2930, -14.4414, 12.0210



79.9710, -12.8037, 0.0254

Triad

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



81.2930, -14.4414, 12.0210



73.1140, 10.2968, -36.0570



84.1400, 7.8190, 12.1552

Complementary

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



81.2930, -14.4414, 12.0210



65.7070, 14.4414, -12.0210

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.



82.7190, 12.9565, -2.3846



81.2930, -14.4414, 12.0210



74.8030, 15.3801, -33.1532

Square

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



81.2930, -14.4414, 12.0210



75.1770, 1.3917, -26.4652



79.1190, 16.2103, -19.3984



83.9580, 0.5137, 21.9618

Rectangle

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



81.2930, -14.4414, 12.0210



78.2410, -8.9928, -8.9814



79.1190, 16.2103, -19.3984



84.2750, 9.7244, 7.6518

Sweetspot

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



81.2930, -14.4414, 12.0210



116.5400, -5.6892, 4.7884



66.5670, 0.2135, 24.9357



58.0990, -3.4998, 2.5442



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



81.2930, -14.4414, 12.0210



100.9750, -22.1727, 18.4389



88.3040, -17.8979, 0.6104



46.9570, -1.4578, 0.9147



76.3390, -37.6351, 31.2747



163.3320, -80.5227, 67.2378

Inverse Universe

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



65.7070, 14.4414, -12.0210



77.0250, 22.1727, -18.4389



58.6960, 17.8979, -0.6104



45.0430, 1.4578, -0.9147



35.6610, 37.6351, -31.2747



76.6680, 80.5227, -67.2378

Previews

White Background



This preview shows how the YUV color 81.2930, -14.4414, 12.0210 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



This preview shows how the YUV color 81.2930, -14.4414, 12.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

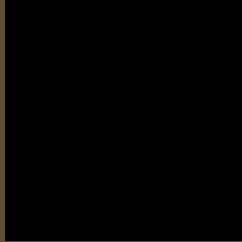
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2930, -14.4414, 12.0210

Background



This preview shows how black text looks on a background with the YUV color 81.2930, -14.4414, 12.0210.

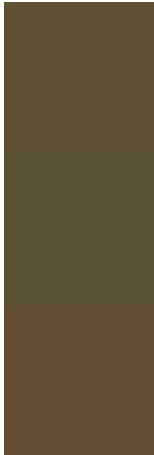


This preview shows how white text looks on a background with the YUV color 81.2930, -14.4414,

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

81.2930, -14.4414, 12.0210

Protanopia

80.7870, -13.6990, 7.2028

Deuteranopia

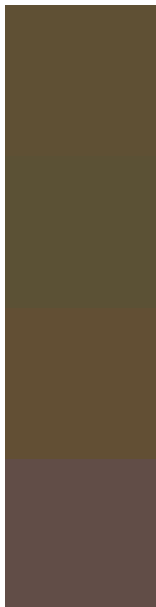
81.3150, -14.4523, 15.5097



Tritanopia

83.2620, -0.6222, 12.9252

Trichromacy



Original Color

81.2930, -14.4414, 12.0210

Protanomaly

80.7980, -13.7044, 8.9472

Deuteranomaly

81.6030, -14.5943, 14.3802

Tritanomaly

82.2960, -5.5689, 12.8954

Monochromacy



Original Color

81.2930, -14.4414, 12.0210

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2930, -14.4414, 12.0210 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(95, 80, 52)` looks like.

```
.text, #text, p{  
    color:rgb(95, 80, 52)  
}
```

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(95, 80, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 80, 52) }
```

Border

The CSS property to change the border of an element to YUV 81.2930, -14.4414, 12.0210 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(95, 80, 52) }
```


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

```
.border{ border-color:rgb(95, 80, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 80, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 80, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 80, 52);  
box-shadow:4px 4px 4px 4px rgb(95, 80, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.2930, -14.4414, 12.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 80, 52) }
```

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

```
.background{ background-color: rgb(95, 80,  
52) }
```

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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