

Converting Colors

YUV(83.8580, -14.7200, 8.0175)

Have a look what the booklet for
YUV(83.8580, -14.7200, 8.0175)
contains.

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Color

**YUV(83.8580, -14.7200,
8.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5536
RGB	93, 85, 54
RGB Percent	36%, 33%, 21%
CMY	0.6353, 0.6667, 0.7882
CMYK	0.00, 0.09, 0.42, 0.64
HSL	48°, 27%, 29%
HSV	48°, 42%, 36%
XYZ	8.4286, 9.0905, 4.8004
YIQ	83.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

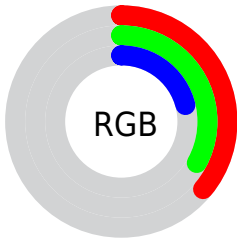
Format	Color
RYB	64, 93, 54
Decimal	6116662
CIELab	36.16, -1.85, 19.27
CIELCh	36, 19.362, 95.487
Yxy	9.0905, 0.3776, 0.4073
Android (android.graphics.Color)	4284306742 (0xFF5D5536)
YUV	83.8580, -14.7200, 8.0175
Hunter-Lab	30.1505, -2.8636, 11.6654

Details

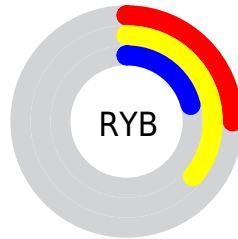
The YUV color $83.8580, -14.7200, 8.0175$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $63.1420, 14.7200, -8.0175$, and the grayscale version is $84.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $133.8150, -16.1778, 8.9322$, and $38.3740, -13.9884, 6.6880$ is the 20% darker color. If you saturate the color by 10%, you get $81.6580, -18.0724, 9.9469$, and if you desaturate by 10%, it is $86.0580, -11.3676, 6.0881$.

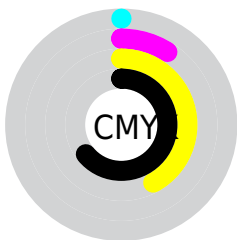
Distribution



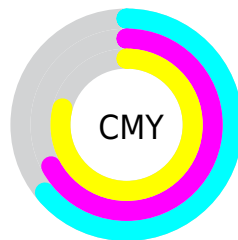
- Red (36%)
- Green (33%)
- Blue (21%)



- Red (25%)
- Yellow (36%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8580, -14.7200, 8.0175 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 83.8580, -14.7200, 8.0175 by changing the saturation by 10% instead.

■ 83.8580, -14.7200,
8.0175

■ 83.8580, -14.7200,
8.0175

■ 255.0000, 0.0000,
0.0000

■ 60.6730, -14.1358,
7.3028

■ 133.8150,
-16.1778, 8.9322

■ 38.3740, -13.9884,
6.6880

■ 160.0000,
-16.7620, 9.6470

■ 18.9160, -9.3256,
4.4587

■ 186.8860,
-17.1988, 9.7470

■ 0.0000, 0.0000,
0.0000

■ 214.4840,
-17.4936, 10.9765

■ 243.0710,
-17.7830, 10.4617

■ 252.7200, -8.7360,

1.9996

■ 83.8580, -14.7200,
8.0175

■ 83.8580, -14.7200,
8.0175

■ 81.6580, -18.0724,
9.9469

■ 86.0580, -11.3676,
6.0881

■ 79.3440, -21.8616,
11.9763

■ 88.3720, -7.5784,
4.0588

■ 77.1440, -25.2140,
13.9057

■ 90.5720, -4.2260,
2.1294

■ 74.9440, -28.5664,
15.8351

■ 92.7720, -0.8736,
0.2000

■ 72.6300, -32.3556,
17.8645

■ 95.0860, 2.9156,
-1.8294

■ 71.2450, -35.1238,
19.0791

■ 96.6990, 6.5574,
-3.2440

■ 98.8990, 9.9098,
-5.1734

■ 101.0990, 13.2622,
-7.1028

■ 103.4130, 17.0514,
-9.1322

Harmonies

Analogous

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



85.4510, -14.0263, 18.8985



83.8580, -14.7200, 8.0175



81.6930, -11.1876, -4.9928

Triad

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



83.8580, -14.7200, 8.0175



76.2000, 13.2124, -37.8864



87.1900, 5.3293, 17.3734

Complementary

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



83.8580, -14.7200, 8.0175



63.1420, 14.7200, -8.0175

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.



86.7090, 11.4825, 3.7632



83.8580, -14.7200, 8.0175



79.4660, 16.5323, -29.3497

Square

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



83.8580, -14.7200, 8.0175



77.3550, 4.7550, -31.8833



84.3370, 15.6099, -13.4505



86.6980, -1.8231, 24.8209

Rectangle

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



83.8580, -14.7200, 8.0175



80.7780, -6.7926, -14.7143



84.3370, 15.6099, -13.4505



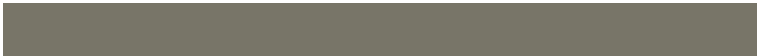
87.7380, 7.5242, 13.3848

Sweetspot

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



83.8580, -14.7200, 8.0175



116.4150, -6.1206, 3.1440



66.5730, -2.2545, 23.1765



58.6860, -3.7892, 2.0294



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.



83.8580, -14.7200, 8.0175



106.1160, -22.7352, 12.1763



85.2650, -15.4136, -2.8634



44.8430, -1.8946, 1.0147



83.9590, -41.3918, 22.8380



181.8060, -89.6304, 48.4051

Inverse Universe

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



63.1420, 14.7200, -8.0175



73.8840, 22.7352, -12.1763



61.7350, 15.4136, 2.8634



42.1570, 1.8946, -1.0147



25.4540, 41.6812, -22.3232



55.7810, 89.3410, -48.9199

Previews

White Background



This preview shows how the YUV color 83.8580, -14.7200, 8.0175 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 83.8580, -14.7200, 8.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

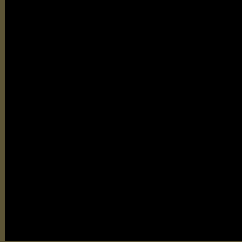
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.8580, -14.7200, 8.0175

Background



This preview shows how black text looks on a background with the YUV color 83.8580, -14.7200, 8.0175.

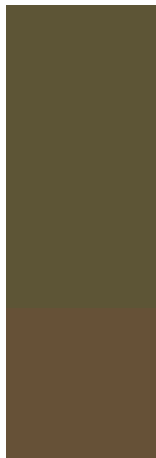


This preview shows how white text looks on a background with the YUV color 83.8580, -14.7200,

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

83.8580, -14.7200, 8.0175

Protanopia

83.8580, -14.7200, 8.0175

Deuteranopia

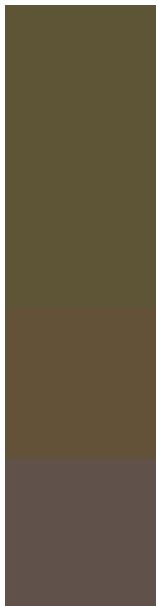
84.3150, -14.4523, 15.5097



Tritanopia

86.4680, 0.2623, 9.2366

Trichromacy



Original Color

83.8580, -14.7200, 8.0175

Protanomaly

83.8580, -14.7200, 8.0175

Deuteranomaly

84.0050, -14.2995, 13.1506

Tritanomaly

85.3880, -5.1213, 9.3067

Monochromacy



Original Color

83.8580, -14.7200, 8.0175

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.6430, -5.2470, 2.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8580, -14.7200, 8.0175 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(93, 85, 54)` looks like.

```
.text, #text, p{  
    color:rgb(93, 85, 54)  
}
```

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(93, 85, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 85, 54) }
```

Border

The CSS property to change the border of an element to YUV 83.8580, -14.7200, 8.0175 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(93, 85, 54) }
```


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

```
.border{ border-color:rgb(93, 85, 54) }
```

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

Here you see how a box with a 4 pixel rgb(93, 85, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 85, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 85, 54);  
box-shadow:4px 4px 4px 4px rgb(93, 85, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.8580, -14.7200, 8.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 85, 54) }
```

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

```
.background{ background-color: rgb(93, 85,  
54) }
```

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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