

Converting Colors

YUV(81.7830, -0.8790, 1.9443)

Have a look what the booklet for
YUV(81.7830, -0.8790, 1.9443)
contains.

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Color

**YUV(81.7830, -0.8790,
1.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	545150
RGB	84, 81, 80
RGB Percent	33%, 32%, 31%
CMY	0.6706, 0.6824, 0.6863
CMYK	0.00, 0.04, 0.05, 0.67
HSL	15°, 2%, 32%
HSV	15°, 5%, 33%
XYZ	8.0466, 8.3489, 8.7768
YIQ	81.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

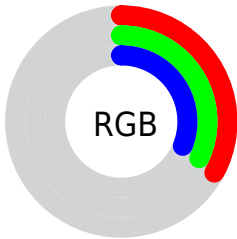
Format	Color
RYB	84, 81, 80
Decimal	5525840
CIELab	34.70, 1.02, 1.02
CIElCh	35, 1.438, 45.031
Yxy	8.3489, 0.3197, 0.3317
Android (android.graphics.Color)	4283715920 (0xFF545150)
YUV	81.7830, -0.8790, 1.9443
Hunter-Lab	28.8944, -0.8563, 2.2165

Details

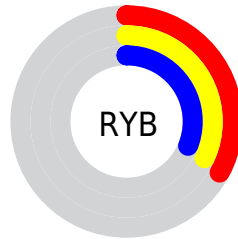
The YUV color **81.7830, -0.8790, 1.9443** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.2170, 0.8790, -1.9443**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.7830, -0.8790, 1.9443**, and **37.4840, -0.7316, 1.3295** is the 20% darker color. If you saturate the color by 10%, you get **77.3490, -2.6371, 5.8329**, and if you desaturate by 10%, it is **86.2170, 0.8790, -1.9443**.

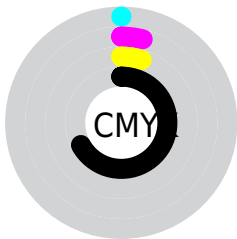
Distribution



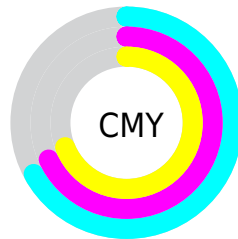
- Red (33%)
- Green (32%)
- Blue (31%)



- Red (33%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (67%)



- Cyan (67%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7830, -0.8790, 1.9443 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 81.7830, -0.8790, 1.9443 by changing the saturation by 10% instead.

■ 81.7830, -0.8790,
1.9443

■ 81.7830, -0.8790,
1.9443

255.0000, 0.0000,
0.0000

■ 58.7830, -0.8790,
1.9443

■ 130.7830, -0.8790,
1.9443

■ 37.4840, -0.7316,
1.3295

■ 157.0820, -1.0264,
2.5591

■ 16.0820, -1.0264,
2.5591

■ 184.0820, -1.0264,
2.5591

■ 0.0000, 0.0000,
0.0000

■ 211.7830, -0.8790,
1.9443

■ 240.0820, -1.0264,
2.5591

■ 81.7830, -0.8790,
1.9443

■ 81.7830, -0.8790,
1.9443

■ 77.3490, -2.6371,
5.8329

■ 86.2170, 0.8790,
-1.9443

■ 72.2140, -4.5425,
10.3363

■ 91.3520, 2.7845,
-6.4477

■ 67.7800, -6.3005,
14.2249

■ 95.7860, 4.5425,
-10.3363

■ 63.2320, -8.4954,
18.2135

■ 100.3340, 6.7373,
-14.3249

■ 58.2110, -9.9640,
22.6170

■ 105.3550, 8.2060,
-18.7283

■ 53.7770, -11.7221,
26.5056

■ 109.7890, 9.9640,
-22.6170

■ 49.2290, -13.9169,
30.4942

■ 114.3370, 12.1589,
-26.6055

■ 44.7950, -15.6749,

■ 118.7710, 13.9169,

34.3828

-30.4942

■ 39.6600, -17.5804,
38.8862

■ 123.9060, 15.8223,
-34.9976

Harmonies

Analogous

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



81.8970, -0.4422, 1.8443



81.7830, -0.8790, 1.9443



81.3700, -1.1684, 1.4295

Triad

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



81.7830, -0.8790, 1.9443



80.9890, 0.0054, -1.7444



81.3420, 1.3104, -0.2999

Complementary

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



81.7830, -0.8790, 1.9443



82.2170, 0.8790, -1.9443

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.



81.6300, 1.1684, -1.4295



81.7830, -0.8790, 1.9443



81.1030, 0.4422, -1.8443

Square

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



81.7830, -0.8790, 1.9443



81.4730, -0.7262, -0.4148



81.2170, 0.8790, -1.9443



81.8260, 0.5788, 1.0296

Rectangle

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



81.7830, -0.8790, 1.9443



81.6580, -1.3104, 0.2999



81.2170, 0.8790, -1.9443



81.9290, 1.0210, -0.8147

Sweetspot

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



81.7830, -0.8790, 1.9443



109.2990, -0.1474, 0.6148



81.5380, 0.7208, 2.1592



56.0000, 0.0000, 0.0000



184.0000, 0.0000, 0.0000

Same Dimension

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



81.7830, -0.8790, 1.9443



106.2670, -1.6106, 3.2738



82.9570, -1.4578, 0.9147



39.4840, -0.7316, 1.3295



46.6570, -23.0019, 51.1668



103.4140, -50.9831, 112.7699

Inverse Universe

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



82.2170, 0.8790, -1.9443



106.7330, 1.6106, -3.2738



81.0430, 1.4578, -0.9147



39.5160, 0.7316, -1.3295



57.7560, 23.2913, -50.6520



128.5860, 50.9831, -112.7699

Previews

White Background



This preview shows how the YUV color 81.7830, -0.8790, 1.9443 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 81.7830, -0.8790, 1.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

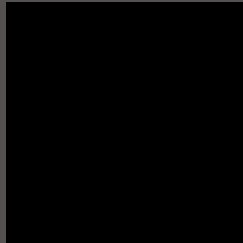
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7830, -0.8790, 1.9443

Background



This preview shows how black text looks on a background with the YUV color 81.7830, -0.8790, 1.9443.



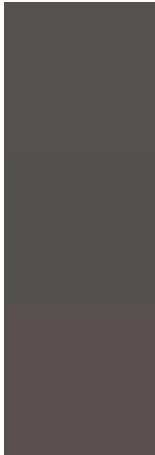
This preview shows how white text looks on a background with the YUV color 81.7830, -0.8790,

1.9443.

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

81.7830, -0.8790, 1.9443

Protanopia

81.4840, -0.7316, 1.3295

Deuteranopia

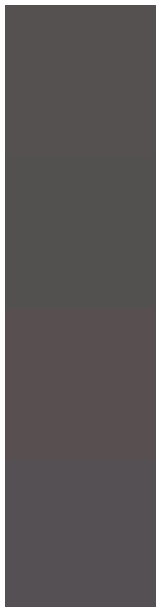
82.4030, -1.1847, 6.6626



Tritanopia

82.1790, 1.8838, 2.4740

Trichromacy



Original Color

81.7830, -0.8790, 1.9443

Protanomaly

81.4840, -0.7316, 1.3295

Deuteranomaly

82.3920, -1.1793, 4.9182

Tritanomaly

81.9510, 1.0102, 2.6740

Monochromacy



Original Color

81.7830, -0.8790, 1.9443

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1850, -0.5842, 0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7830, -0.8790, 1.9443 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(84, 81, 80)` looks like.

```
.text, #text, p{  
    color:rgb(84, 81, 80)  
}
```

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(84, 81, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 81, 80) }
```

Border

The CSS property to change the border of an element to YUV 81.7830, -0.8790, 1.9443 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(84, 81, 80) }
```

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

```
.border{ border-color:rgb(84, 81, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 81, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 81, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 81, 80);  
box-shadow:4px 4px 4px 4px rgb(84, 81, 80)  
}
```


Background

The CSS property to change the background color of an element to YUV 81.7830, -0.8790, 1.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 81, 80) }
```

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

```
.background{ background-color: rgb(84, 81,  
80) }
```

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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