

Converting Colors

YUV(81.7800, -16.6535,
-25.2401)

Have a look what the booklet for
YUV(81.7800, -16.6535, -25.2401)
contains.

YUV(81.7800, -16.6535, -25.2401)	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(81.7800, -16.6535,
-25.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	356730
RGB	53, 103, 48
RGB Percent	21%, 40%, 19%
CMY	0.7922, 0.5961, 0.8118
CMYK	0.49, 0.00, 0.53, 0.60
HSL	115°, 36%, 30%
HSV	115°, 53%, 40%
XYZ	6.8519, 10.6708, 4.4948
YIQ	81.7800, -12.1450, -27.7050

Conversions

Conversions Part 2

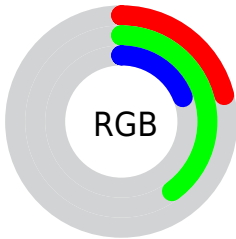
Format	Color
RYB	48, 103, 98
Decimal	3499824
CIELab	39.02, -29.06, 25.74
CIELCh	39, 38.822, 138.467
Yxy	10.6708, 0.3112, 0.4846
Android (android.graphics.Color)	4281689904 (0xFF356730)
YUV	81.7800, -16.6535, -25.2401
Hunter-Lab	32.6662, -19.7242, 14.7081

Details

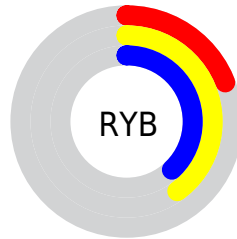
The YUV color **81.7800, -16.6535, -25.2401** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.2200, 16.6535, 25.2401**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6120, -18.5427, -25.9697**, and **32.3990, -15.4797, -28.4139** is the 20% darker color. If you saturate the color by 10%, you get **77.9490, -19.6949, -29.7733**, and if you desaturate by 10%, it is **85.6110, -13.6122, -20.7068**.

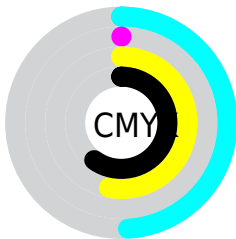
Distribution



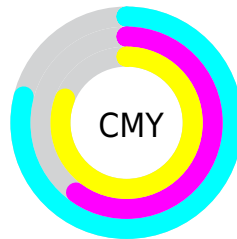
- Red (21%)
- Green (40%)
- Blue (19%)



- Red (19%)
- Yellow (40%)
- Blue (38%)



- Cyan (49%)
- Magenta (0%)
- Yellow (53%)
- Black (60%)



- Cyan (79%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7800, -16.6535, -25.2401 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 81.7800, -16.6535, -25.2401 by changing the saturation by 10% instead.

81.7800, -16.6535,
-25.2401

81.7800, -16.6535,
-25.2401

255.0000, 0.0000,
0.0000

57.7090, -15.6325,
-26.0548

132.6120,
-18.5427, -25.9697

32.3990, -15.4797,
-28.4139

159.4980,
-18.9795, -25.8697

20.5450, -10.1287,
-18.0180

186.0850,
-19.2689, -26.3845

0.0000, 0.0000,
0.0000

214.4440,
-20.4319, -26.6994

235.9870,
-17.2486, -21.0366

247.8500, -9.2930,

-6.0074

■ 81.7800, -16.6535,
-25.2401

■ 81.7800, -16.6535,
-25.2401

■ 77.9490, -19.6949,
-29.7733

■ 85.6110, -13.6122,
-20.7068

■ 73.7050, -23.0256,
-34.8213

■ 89.8550, -10.2815,
-15.6588

■ 69.8740, -26.0669,
-39.3545

■ 93.6860, -7.2402,
-11.1256

■ 66.0430, -29.1082,
-43.8877

■ 97.5170, -4.1989,
-6.5924

■ 63.1520, -31.1339,
-47.4913

■ 101.7610, -0.8682,
-1.5444

■ 105.5920, 2.1731,
2.9888

■ 109.7220, 5.0671,
8.1368

■ 113.5530, 8.1084,
12.6700

■ 117.4980, 11.5865,
17.1033

Harmonies

Analogous

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



86.3400, -29.2546, 3.2098



81.7800, -16.6535, -25.2401



71.7010, 3.1054, -62.8818

Triad

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



81.7800, -16.6535, -25.2401



75.6690, 38.6172, -66.3617



90.8540, -8.3090, 51.8710

Complementary

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



81.7800, -16.6535, -25.2401



69.2200, 16.6535, 25.2401

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.



92.8820, 5.9742, 43.9535



81.7800, -16.6535, -25.2401



90.2130, 30.4610, -16.8498

Square

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



81.7800, -16.6535, -25.2401



77.3670, 29.8921, -67.8509



94.5830, 19.4326, 20.5367



90.8410, -22.1066, 43.9894

Rectangle

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



81.7800, -16.6535, -25.2401



74.2090, 12.7150, -65.0813



94.5830, 19.4326, 20.5367



91.4070, -3.6517, 51.3861

Sweetspot

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



81.7800, -16.6535, -25.2401



126.6260, -6.2246, -10.1960



93.7950, -22.5769, 8.0728



63.9300, -3.9095, -6.0776



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



81.7800, -16.6535, -25.2401



101.8740, -26.0669, -39.3545



82.7930, -6.3069, -30.5135



48.9350, -1.4470, -2.5740



70.4950, -34.7540, -53.0541



148.6320, -73.2756, -111.0563

Inverse Universe

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



69.2200, 16.6535, 25.2401



82.1260, 26.0669, 39.3545



68.2070, 6.3069, 30.5135



48.0650, 1.4470, 2.5740



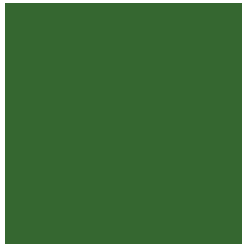
44.2060, 34.9014, 52.4393



93.3680, 73.2756, 111.0563

Previews

White Background



This preview shows how the YUV color 81.7800, -16.6535, -25.2401 looks on a white background.

Color Contrast Check

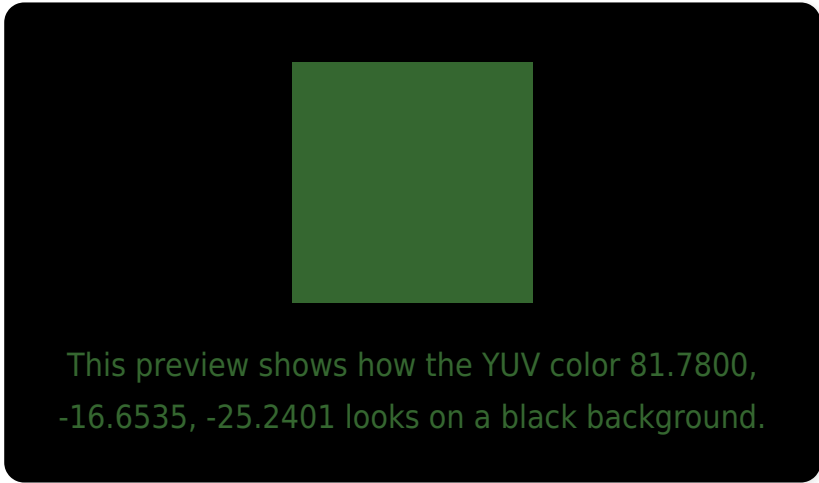
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

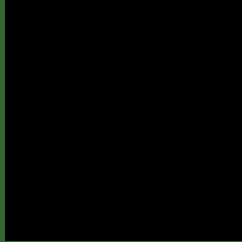
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7800, -16.6535, -25.2401

Background



This preview shows how black text looks on a background with the YUV color 81.7800, -16.6535, -25.2401.



This preview shows how white text looks on a background with the YUV color 81.7800, -16.6535, -25.2401.

-25.2401.

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

81.7800, -16.6535, -25.2401

Protanopia

89.2190, -22.2930, 10.3319

Deuteranopia

90.4850, -18.9731, 18.8687



Tritanopia

88.3440, 8.2114, -20.4727

Trichromacy



Original Color

81.7800, -16.6535, -25.2401

Protanomaly

86.5980, -20.5078, -2.2784

Deuteranomaly

87.6140, -18.0507, 2.9695

Tritanomaly

85.9280, -0.9505, -21.8619

Monochromacy



Original Color

81.7800, -16.6535, -25.2401

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0390, -5.9352, -9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7800, -16.6535, -25.2401 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(53, 103, 48)` looks like.

```
.text, #text, p{  
    color:rgb(53, 103, 48)  
}
```

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(53, 103, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 103, 48) }
```

Border

The CSS property to change the border of an element to YUV 81.7800, -16.6535, -25.2401 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(53, 103, 48) }
```


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

```
.border{ border-color:rgb(53, 103, 48) }
```

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

Here you see how a box with a 4 pixel rgb(53, 103, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 103, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 103, 48);  
box-shadow:4px 4px 4px 4px rgb(53, 103,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 81.7800, -16.6535, -25.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 103, 48) }
```

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

```
.background{ background-color: rgb(53, 103,  
48) }
```

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