

# Converting Colors

YUV(81.0380, -4.4557, -17.5733)

Have a look what the booklet for  
YUV(81.0380, -4.4557, -17.5733)  
contains.

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# Color

**YUV(81.0380, -4.4557,  
-17.5733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D5D48
RGB	61, 93, 72
RGB Percent	24%, 36%, 28%
CMY	0.7608, 0.6353, 0.7176
CMYK	0.34, 0.00, 0.23, 0.64
HSL	141°, 21%, 30%
HSV	141°, 34%, 36%
XYZ	7.0085, 9.2887, 7.5544
YIQ	81.0380, -12.3310, -13.3150

# Conversions

## Conversions Part 2

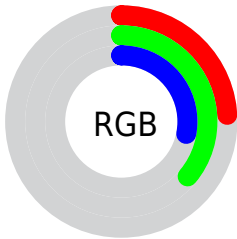
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 85, 93
Decimal	4021576
CIE Lab	36.53, -16.77, 8.39
CIE LCh	37, 18.756, 153.413
Yxy	9.2887, 0.2938, 0.3894
Android (android.graphics.Color)	4282211656 (0xFF3D5D48)
YUV	81.0380, -4.4557, -17.5733
Hunter-Lab	30.4773, -12.2878, 6.6380

# Details

The YUV color **81.0380, -4.4557, -17.5733** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.9620, 4.4557, 17.5733**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6250, -4.7451, -18.0881**, and **35.5650, -3.7295, -17.1585** is the 20% darker color. If you saturate the color by 10%, you get **77.6630, -5.7499, -22.5065**, and if you desaturate by 10%, it is **84.4130, -3.1616, -12.6402**.

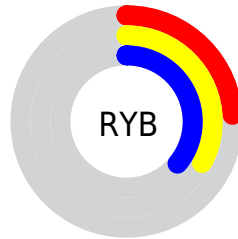
# Distribution



 Red (24%)

 Green (36%)

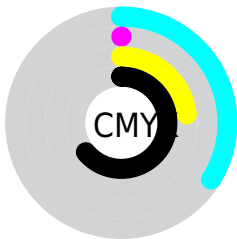
 Blue (28%)




 Red (24%)

 Yellow (33%)

 Blue (36%)

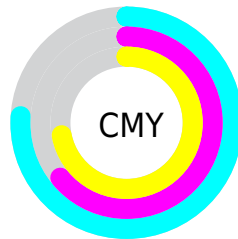


 Cyan (34%)


 Magenta (0%)

 Yellow (23%)

 Black (64%)



 Cyan (76%)

 Magenta (64%)

 Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.0380, -4.4557, -17.5733 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 81.0380, -4.4557, -17.5733 by changing the saturation by 10% instead.



■ 81.0380, -4.4557,  
-17.5733

■ 81.0380, -4.4557,  
-17.5733

■ 255.0000, 0.0000,  
0.0000

■ 57.4510, -4.1663,  
-17.0585

■ 130.6250, -4.7451,  
-18.0881

■ 35.5650, -3.7295,  
-17.1585

■ 156.7990, -5.3239,  
-19.1177

■ 16.1910, -6.5032,  
-14.1995

■ 183.7990, -5.3239,  
-19.1177

■ 0.0000, 0.0000,  
0.0000

■ 211.3860, -5.6133,  
-19.6325

■ 239.9730, -5.9027,  
-20.1473

■ 252.0100, 1.4741,

-6.1478

■ 81.0380, -4.4557,  
-17.5733

■ 81.0380, -4.4557,  
-17.5733

■ 77.6630, -5.7499,  
-22.5065

■ 84.4130, -3.1616,  
-12.6402

■ 73.9890, -6.8966,  
-28.0544

■ 88.0870, -2.0149,  
-7.0923

■ 70.6140, -8.1907,  
-32.9875

■ 91.4620, -0.7208,  
-2.1592

■ 67.2390, -9.4848,  
-37.9206

■ 94.8370, 0.5734,  
2.7740

■ 63.4510, -11.0683,  
-43.3685

■ 98.6250, 2.1569,  
8.2219

■ 60.0760, -12.3625,  
-48.3017

■ 102.0000, 3.4510,  
13.1550

■ 58.2390, -12.9358,  
-51.0756

■ 105.3750, 4.7451,  
18.0881

■ 108.7500, 6.0393,  
23.0213

■ 112.4240, 7.1860,  
28.5692

# Harmonies

## Analogous

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



83.2910, -11.4825, -3.7632



81.0380, -4.4557, -17.5733



78.5510, 4.1654, -29.4242

# Triad

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



81.0380, -4.4557, -17.5733



84.9240, 15.3205, -13.9653



86.9770, -8.3697, 24.5762

# Complementary

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



81.0380, -4.4557, -17.5733



72.9620, 4.4557, 17.5733

# 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.



88.1000, -1.5283, 23.5913



81.0380, -4.4557, -17.5733



87.1110, 11.7773, 2.5337

# Square

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



81.0380, -4.4557, -17.5733



80.2380, 15.6587, -29.1497



88.5920, 5.6241, 16.1438



85.9780, -13.3002, 19.3133



# Rectangle

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



81.0380, -4.4557, -17.5733



77.5980, 9.5652, -34.7274



88.5920, 5.6241, 16.1438



87.2590, -6.0437, 25.2059

# Sweetspot

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



81.0380, -4.4557, -17.5733



115.5000, -1.7255, -6.5775



86.0630, -12.3561, -3.5633



58.3370, -1.1521, -3.8035



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.



81.0380, -4.4557, -17.5733



101.7010, -6.7546, -26.9248



82.8620, 2.5330, -19.1730



44.1630, -0.5734, -2.7740



68.9020, -15.2347, -60.4271



148.4670, -32.7682, -130.2056



# Inverse Universe

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



72.9620, 4.4557, 17.5733



89.2990, 6.7546, 26.9248



71.1380, -2.5330, 19.1730



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271

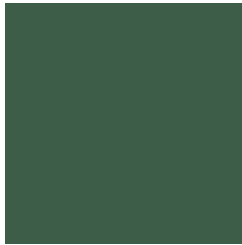


88.6470, 33.2050, 130.1056



# Previews

## White Background



This preview shows how the YUV color 81.0380, -4.4557, -17.5733 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 81.0380, -4.4557, -17.5733 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

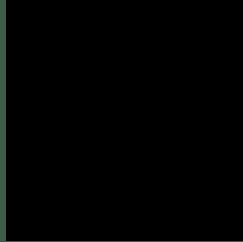
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 81.0380, -4.4557, -17.5733

## Background



This preview shows how black text looks on a background with the YUV color 81.0380, -4.4557, -17.5733.



This preview shows how white text looks on a background with the YUV color 81.0380, -4.4557, -17.5733.



# 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

81.0380, -4.4557, -17.5733

### Protanopia

84.8560, -8.3100, 5.3883

### Deuteranopia

85.8720, -5.8529, 10.6363



## Tritanopia

83.6220, 6.5954, -15.4545

# Trichromacy



## Original Color

81.0380, -4.4557, -17.5733

## Protanomaly

83.4420, -7.1199, -3.0186

## Deuteranomaly

84.2190, -5.5310, 0.6849

## Tritanomaly

82.5850, 2.6696, -16.2990

# Monochromacy



## Original Color

81.0380, -4.4557, -17.5733

## Achromatopsia

81.0000, 0.0000, 0.0000

## Achromatomaly

80.9130, -1.4361, -6.0627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.0380, -4.4557, -17.5733 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(61, 93, 72)` looks like.

```
.text, #text, p{  
    color:rgb(61, 93, 72)  
}
```

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(61, 93, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 93, 72) }
```

## Border

The CSS property to change the border of an element to YUV 81.0380, -4.4557, -17.5733 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(61, 93, 72) }
```



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

```
.border{ border-color:rgb(61, 93, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 93, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 93, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 93, 72);  
box-shadow:4px 4px 4px 4px rgb(61, 93, 72)  
}
```

# Background

The CSS property to change the background color of an element to YUV 81.0380, -4.4557, -17.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 93, 72) }
```

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

```
.background{ background-color: rgb(61, 93,  
72) }
```

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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