

Converting Colors

YUV(81.4900, 17.0134, 3.0783)

Have a look what the booklet for
YUV(81.4900, 17.0134, 3.0783)
contains.

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Color

**YUV(81.4900, 17.0134,
3.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	554974
RGB	85, 73, 116
RGB Percent	33%, 29%, 45%
CMY	0.6667, 0.7137, 0.5451
CMYK	0.27, 0.37, 0.00, 0.55
HSL	257°, 23%, 37%
HSV	257°, 37%, 45%
XYZ	9.2812, 7.9573, 17.5697
YIQ	81.4900, -6.6510, 15.9170

Conversions

Conversions Part 2

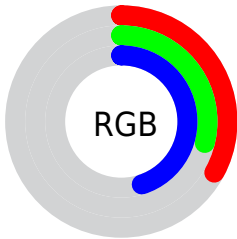
Format	Color
R_{YB}	85, 73, 116
Decimal	5589364
CIE _{Lab}	33.89, 15.19, -22.86
CIE _{LCh}	34, 27.445, 303.597
Yxy	7.9573, 0.2666, 0.2286
Android (android.graphics.Color)	4283779444 (0xFF554974)
YUV	81.4900, 17.0134, 3.0783
Hunter-Lab	28.2088, 9.3647, -17.1825




Details

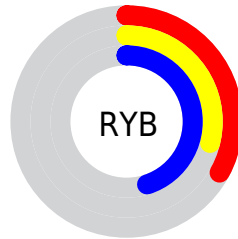
The YUV color **81.4900, 17.0134, 3.0783** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **107.5100, -17.0134, -3.0783**, and the grayscale version is **81.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.4300, 18.0290, 4.0079**, and **36.1370, 15.7085, 1.6339** is the 20% darker color. If you saturate the color by 10%, you get **72.0540, 21.6654, 4.3376**, and if you desaturate by 10%, it is **90.9260, 12.3615, 1.8189**.

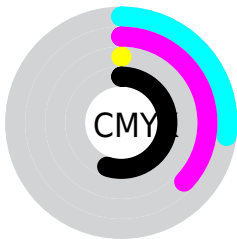
Distribution







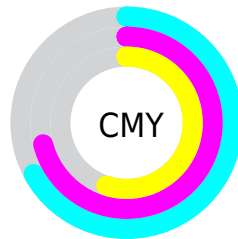
-  Red (33%)
-  Green (29%)
-  Blue (45%)






-  Red (33%)
-  Yellow (29%)
-  Blue (45%)



-  Cyan (27%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (67%)
-  Magenta (71%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.4900, 17.0134, 3.0783 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 81.4900, 17.0134, 3.0783 by changing the saturation by 10% instead.

81.4900, 17.0134,
3.0783

81.4900, 17.0134,
3.0783

255.0000, 0.0000,
0.0000

57.9630, 16.2872,
2.6634

131.4300, 18.0290,
4.0079

36.1370, 15.7085,
1.6339

157.0710, 19.1920,
4.3227

13.4470, 15.5556,
3.9930

184.1850, 19.6288,
4.2228

3.3230, 10.1938,
-2.9143

211.5980, 19.9182,
4.7376

0.0000, 0.0000,
0.0000

237.6340, 8.5614,
7.3370

■ 81.4900, 17.0134,
3.0783

■ 81.4900, 17.0134,
3.0783

■ 72.0540, 21.6654,
4.3376

■ 90.9260, 12.3615,
1.8189

■ 62.9060, 26.1753,
4.4674

■ 100.0740, 7.8515,
1.6891

■ 53.4700, 30.8273,
5.7268

■ 109.5100, 3.1996,
0.4297

■ 44.6210, 35.1898,
6.4714

■ 118.3590, -1.1630,
-0.3148

■ 34.8860, 39.9892,
7.1160

■ 128.0940, -5.9623,
-0.9594

■ 25.4500, 44.6411,
8.3754

■ 137.5300,
-10.6143, -2.2188

■ 22.7920, 45.9515,
8.0754

■ 146.6780,
-15.1243, -2.3486

■ 156.1140,

-19.7762, -3.6080

■ 164.9630,
-24.1388, -4.3526

Harmonies

Analogous

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



75.9210, 23.2099, -24.4867



81.4900, 17.0134, 3.0783



82.0320, 8.3652, 23.6509

Triad

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



81.4900, 17.0134, 3.0783



79.2300, -18.8474, 25.2313



62.7650, 9.4829, -55.0449

Complementary

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



81.4900, 17.0134, 3.0783



107.5100, -17.0134, -3.0783

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.



70.7440, -5.2968, -27.8395



81.4900, 17.0134, 3.0783



77.2730, -20.8406, 11.1616

Square

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



81.4900, 17.0134, 3.0783



79.6470, -11.1650, 34.5126



75.0150, -16.2764, -6.1522



64.5720, 18.9450, -56.6296

Rectangle

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



81.4900, 17.0134, 3.0783



81.3660, 1.7916, 32.1280



75.0150, -16.2764, -6.1522



63.9460, 4.9566, -49.9416

Sweetspot

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



81.4900, 17.0134, 3.0783



137.3190, 6.2517, 1.4742



96.6860, 9.5218, -20.7726



68.7380, 4.0732, 0.2298



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



81.4900, 17.0134, 3.0783



97.2050, 26.0279, 5.0822



87.7690, 13.9179, 15.9886



53.9830, 2.4734, 0.0149



24.0740, 48.2775, 8.7051



49.4300, 98.8810, 18.0399

Inverse Universe

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



89.3910, 7.2022, 23.3361



109.2060, 11.2374, 35.7763



101.2310, -13.9179, -15.9886



55.2500, 0.8628, 3.2888



46.5100, 20.4546, 66.2047



95.2700, 41.7719, 135.6982

Previews

White Background



This preview shows how the YUV color 81.4900, 17.0134, 3.0783 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 81.4900, 17.0134, 3.0783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

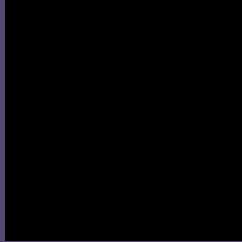
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.4900, 17.0134, 3.0783

Background



This preview shows how black text looks on a background with the YUV color 81.4900, 17.0134, 3.0783.

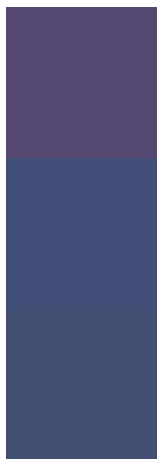


This preview shows how white text looks on a background with the YUV color 81.4900, 17.0134,

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

81.4900, 17.0134, 3.0783

Protanopia

78.9010, 20.2618, -12.1912

Deuteranopia

79.2170, 17.6410, -11.5913



Tritanopia

79.7980, 3.0576, -0.6998

Trichromacy



Original Color

81.4900, 17.0134, 3.0783

Protanomaly

79.7060, 19.3719, -6.7582

Deuteranomaly

80.1360, 17.1880, -6.2583

Tritanomaly

80.4760, 8.1463, 0.4595

Monochromacy



Original Color

81.4900, 17.0134, 3.0783

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0200, 6.3991, 0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.4900, 17.0134, 3.0783 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(85, 73, 116)` looks like.

```
.text, #text, p{  
    color:rgb(85, 73, 116)  
}
```

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(85, 73, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 73, 116) }
```

Border

The CSS property to change the border of an element to YUV 81.4900, 17.0134, 3.0783 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(85, 73, 116) }
```


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

```
.border{ border-color:rgb(85, 73, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 73, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 73, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 73, 116);  
box-shadow:4px 4px 4px 4px rgb(85, 73,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 81.4900, 17.0134, 3.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 73, 116) }
```

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

```
.background{ background-color: rgb(85, 73,  
116) }
```

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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