

# Converting Colors

YUV(87.3500, 12.6455, 4.0781)

Have a look what the booklet for  
YUV(87.3500, 12.6455, 4.0781)  
contains.

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# Color

**YUV(87.3500, 12.6455,  
4.0781)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C5071
RGB	92, 80, 113
RGB Percent	36%, 31%, 44%
CMY	0.6392, 0.6863, 0.5569
CMYK	0.19, 0.29, 0.00, 0.56
HSL	262°, 17%, 38%
HSV	262°, 29%, 44%
XYZ	10.2629, 9.2049, 16.8586
YIQ	87.3500, -3.4410, 12.8070

# Conversions

## Conversions Part 2

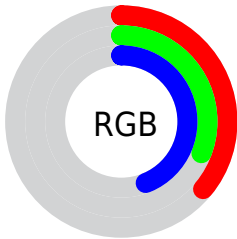
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 80, 113
Decimal	6049905
CIE <sub>Lab</sub>	36.38, 12.34, -17.09
CIE <sub>LCh</sub>	36, 21.078, 305.819
Yxy	9.2049, 0.2825, 0.2534
Android (android.graphics.Color)	4284239985 (0xFF5C5071)
YUV	87.3500, 12.6455, 4.0781
Hunter-Lab	30.3396, 7.2868, -11.7076

# Details

The YUV color **87.3500, 12.6455, 4.0781** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **105.6500, -12.6455, -4.0781**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2900, 13.6610, 5.0077**, and **41.4100, 11.6299, 3.1484** is the 20% darker color. If you saturate the color by 10%, you get **78.8000, 16.8606, 5.4374**, and if you desaturate by 10%, it is **95.9000, 8.4303, 2.7187**.

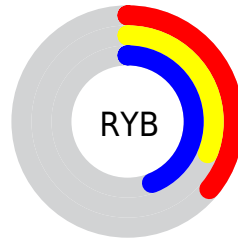
# Distribution



 Red (36%)

 Green (31%)

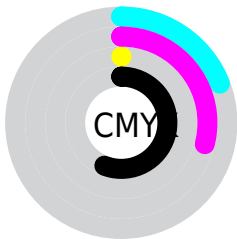
 Blue (44%)



 Red (36%)

 Yellow (31%)

 Blue (44%)

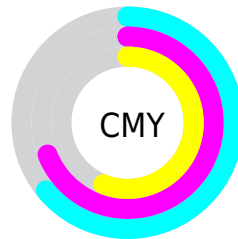


 Cyan (19%)

 Magenta (29%)

 Yellow (0%)

 Black (56%)



 Cyan (64%)

 Magenta (69%)

 Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 87.3500, 12.6455, 4.0781 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 87.3500, 12.6455, 4.0781 by changing the saturation by 10% instead.



87.3500, 12.6455,  
4.0781

87.3500, 12.6455,  
4.0781

255.0000, 0.0000,  
0.0000

63.8230, 11.9193,  
3.6632

137.2900, 13.6610,  
5.0077

41.4100, 11.6299,  
3.1484

163.4040, 14.0978,  
4.9077

20.8830, 10.9037,  
2.7336

190.8170, 14.3872,  
5.4225

3.0950, 9.3202,  
-2.7143

218.9310, 14.8240,  
5.3225

0.0000, 0.0000,  
0.0000

244.4230, 5.2145,  
7.5220

■ 87.3500, 12.6455,  
4.0781

■ 87.3500, 12.6455,  
4.0781

■ 78.8000, 16.8606,  
5.4374

■ 95.9000, 8.4303,  
2.7187

■ 69.6630, 21.3651,  
7.3115

■ 105.0370, 3.9258,  
0.8446

■ 60.8140, 25.7277,  
8.0561

■ 113.8860, -0.4368,  
0.1000

■ 52.2640, 29.9428,  
9.4155

■ 122.4360, -4.6519,  
-1.2594

■ 43.7140, 34.1580,  
10.7748

■ 131.5730, -9.1565,  
-3.1335

■ 34.5770, 38.6625,  
12.6490

■ 140.1230,  
-13.3716, -4.4929

■ 26.0270, 42.8777,  
14.0083

■ 148.6730,  
-17.5868, -5.8522

■ 25.1410, 43.3145,

■ 157.5220,

13.9083

-21.9493, -6.5968

 166.6590,  
-26.4539, -8.4709

# Harmonies

## Analogous

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



84.0810, 17.2151, -14.9800



87.3500, 12.6455, 4.0781



88.3150, 5.7607, 19.0177

# Triad

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



87.3500, 12.6455, 4.0781



85.8210, -15.1948, 20.3280



76.2620, 5.7868, -36.1868

# Complementary

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



87.3500, 12.6455, 4.0781



105.6500, -12.6455, -4.0781

# 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.



79.7170, -4.2975, -21.6768



87.3500, 12.6455, 4.0781



84.5160, -16.0304, 8.3175

# Square

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



87.3500, 12.6455, 4.0781



86.6460, -9.6855, 26.6205



82.1660, -11.9138, -5.4076



74.3240, 15.1233, -44.1341



# Rectangle

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



87.3500, 12.6455, 4.0781



87.6810, 0.6503, 24.8358



82.1660, -11.9138, -5.4076



77.4860, 2.7184, -31.9982

# Sweetspot

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



87.3500, 12.6455, 4.0781



137.6780, 5.0887, 1.1594



96.0890, 8.3371, -14.1101



67.8090, 3.0522, 1.0445



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



87.3500, 12.6455, 4.0781



107.6090, 19.9128, 6.4819



92.1340, 10.2869, 13.9145



51.5810, 2.1786, 1.2445



26.8360, 45.9299, 15.0528



55.0680, 94.6225, 30.6354



# Inverse Universe

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



92.2610, 4.3083, 18.1881



115.3100, 6.7492, 28.6691



100.8660, -10.2869, -13.9145



52.2500, 0.8628, 3.2888



44.5440, 15.5078, 66.1749



91.7510, 32.1678, 136.1534



# Previews

## White Background



This preview shows how the YUV color 87.3500, 12.6455, 4.0781 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 87.3500, 12.6455, 4.0781 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

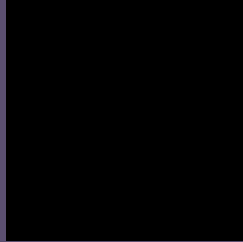
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 87.3500, 12.6455, 4.0781

## Background



This preview shows how black text looks on a background with the YUV color 87.3500, 12.6455, 4.0781.



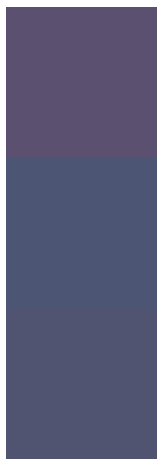
This preview shows how white text looks on a background with the YUV color 87.3500, 12.6455,



# 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

87.3500, 12.6455, 4.0781

### Protanopia

85.8430, 14.8674, -8.6323

### Deuteranopia

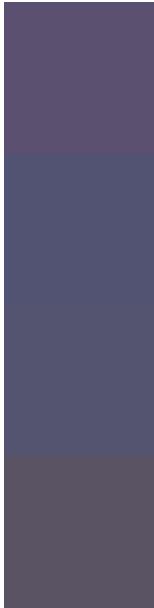
85.9960, 12.8200, -5.2585



## Tritanopia

85.9940, 2.4680, 1.7593

# Trichromacy



## Original Color

87.3500, 12.6455, 4.0781

## Protanomaly

86.3490, 14.1249, -3.8141

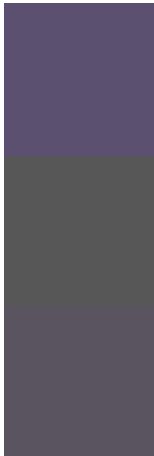
## Deuteranomaly

86.6050, 12.5197, -2.2846

## Tritanomaly

86.6180, 6.1043, 2.0890

# Monochromacy



## Original Color

87.3500, 12.6455, 4.0781

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.8630, 4.5045, 1.8741

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.3500, 12.6455, 4.0781 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(92, 80, 113)` looks like.

```
.text, #text, p{  
    color:rgb(92, 80, 113)  
}
```

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(92, 80, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 80, 113) }
```

## Border

The CSS property to change the border of an element to YUV 87.3500, 12.6455, 4.0781 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(92, 80, 113) }
```



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

```
.border{ border-color:rgb(92, 80, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 80, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 80, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 80, 113);  
box-shadow:4px 4px 4px 4px rgb(92, 80,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 87.3500, 12.6455, 4.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 80, 113) }
```

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

```
.background{ background-color: rgb(92, 80,  
113) }
```

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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