

# Converting Colors

YUV(135.8270, 2.5503, 22.0767)

Have a look what the booklet for  
YUV(135.8270, 2.5503, 22.0767)  
contains.

<b>YUV(135.8270, 2.5503, 22.0767)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	28
<b>CSS Examples</b> .....	31

# Color

**YUV(135.8270, 2.5503,  
22.0767)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A17A8D
RGB	161, 122, 141
RGB Percent	63%, 48%, 55%
CMY	0.3686, 0.5216, 0.4471
CMYK	0.00, 0.24, 0.12, 0.37
HSL	331°, 17%, 55%
HSV	331°, 24%, 63%
XYZ	26.4652, 23.4192, 28.3248
YIQ	135.8270, 17.1450, 14.1770

# Conversions

## Conversions Part 2

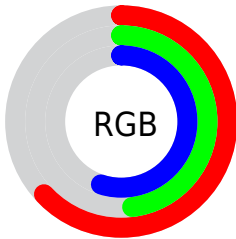
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 122, 141
Decimal	10582669
CIE <sub>Lab</sub>	55.50, 18.30, -4.39
CIE <sub>LCh</sub>	56, 18.823, 346.499
Yxy	23.4192, 0.3384, 0.2994
Android (android.graphics.Color)	4288772749 (0xFFA17A8D)
YUV	135.8270, 2.5503, 22.0767
Hunter-Lab	48.3934, 12.9289, -0.8272

# Details

The YUV color **135.8270, 2.5503, 22.0767** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.1730, -2.5503, -22.0767**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5390, 2.6923, 23.2063**, and **85.8160, 2.5557, 20.3324** is the 20% darker color. If you saturate the color by 10%, you get **125.5230, 3.6862, 31.1133**, and if you desaturate by 10%, it is **146.1310, 1.4144, 13.0401**.

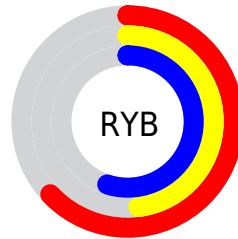
# Distribution



Red (63%)

Green (48%)

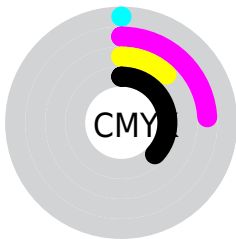
Blue (55%)



Red (63%)

Yellow (48%)

Blue (55%)

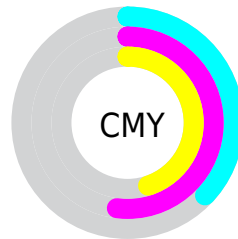


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (52%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.8270, 2.5503, 22.0767 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 135.8270, 2.5503, 22.0767 by changing the saturation by 10% instead.





 135.8270, 2.5503,  
22.0767


 135.8270, 2.5503,  
22.0767

255.0000, 0.0000,  
0.0000

 110.4140, 2.2609,  
21.5619

 189.5390, 2.6923,  
23.2063

 85.8160, 2.5557,  
20.3324


 217.1370, 2.3975,  
24.4359

 62.1040, 2.4137,  
19.2028

 239.8690, 5.4876,  
13.2699

 39.5060, 2.7085,  
17.9732

 17.7340, 3.5821,  
17.7733

 0.0000, 0.0000,  
0.0000

135.8270, 2.5503,  
22.0767

135.8270, 2.5503,  
22.0767

125.5230, 3.6862,  
31.1133

146.1310, 1.4144,  
13.0401

115.1050, 4.3852,  
40.2499

156.5490, 0.7153,  
3.9035

104.8010, 5.5211,  
49.2865

166.8530, -0.4205,  
-5.1331

94.4970, 6.6570,  
58.3231

177.1570, -1.5564,  
-14.1697

84.1930, 7.7929,  
67.3597

188.0480, -2.9817,  
-23.7211

73.1880, 8.7813,  
77.0111

198.4660, -3.6807,  
-32.8577

62.8840, 9.9172,  
86.0477


208.7700, -4.8166,  
-41.8943

57.0310, 10.3377,

219.0740, -5.9525,

91.1808

-50.9309

 222.3340, -3.6157,  
-53.7899

# Harmonies

## Analogous

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



135.5850, 9.5716, 10.0110



135.8270, 2.5503, 22.0767



135.0960, -5.4703, 27.9798

# Triad

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



135.8270, 2.5503, 22.0767



131.5370, -14.5617, 3.9141



126.5750, 14.5065, -32.9533

# Complementary

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



135.8270, 2.5503, 22.0767



147.1730, -2.5503, -22.0767

# 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.



125.8540, 7.9600, -33.1980



135.8270, 2.5503, 22.0767



129.1160, -9.4242, -10.6257

# Square

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



135.8270, 2.5503, 22.0767



132.7990, -15.1839, 16.8393



127.5040, -1.2345, -24.1210



130.2110, 16.6580, -22.9870



# Rectangle

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



135.8270, 2.5503, 22.0767



134.5320, -10.1223, 26.7204



127.5040, -1.2345, -24.1210



126.1080, 12.7648, -34.2977

# Sweetspot

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



135.8270, 2.5503, 22.0767



199.3970, 1.2833, 8.4218



132.4260, 14.0870, 8.3964



99.1470, 0.4205, 5.1331



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



135.8270, 2.5503, 22.0767



169.6590, 4.1121, 34.5021



133.6610, -5.7489, 23.9763



76.1470, 0.4205, 5.1331



51.4490, 9.6386, 82.0442



6.4080, 1.2779, 10.1662



# Inverse Universe

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



135.8270, 2.5503, 22.0767



169.6590, 4.1121, 34.5021



149.3390, 5.7489, -23.9763



76.1470, 0.4205, 5.1331



51.4490, 9.6386, 82.0442



6.4080, 1.2779, 10.1662



# Previews

## White Background



This preview shows how the YUV color 135.8270, 2.5503, 22.0767 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

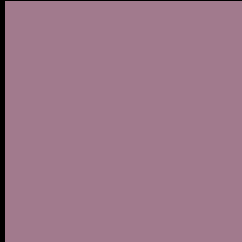
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 135.8270, 2.5503, 22.0767 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

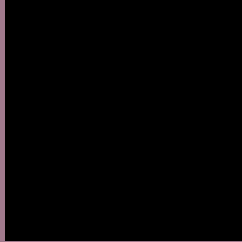
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.8270, 2.5503, 22.0767

## Background



This preview shows how black text looks on a background with the YUV color 135.8270, 2.5503, 22.0767.



This preview shows how white text looks on a background with the YUV color 135.8270, 2.5503,



# 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

135.8270, 2.5503, 22.0767

### Protanopia

133.4110, 6.6994, -2.1144

### Deuteranopia

134.4400, 2.7411, 7.5071



## Tritanopia

135.2030, -1.0861, 21.7470

# Trichromacy



## Original Color

135.8270, 2.5503, 22.0767

## Protanomaly

134.1240, 5.3619, 6.9073

## Deuteranomaly

134.7720, 2.5774, 13.3550

## Tritanomaly

135.5450, 0.2243, 21.4470

# Monochromacy



## Original Color

135.8270, 2.5503, 22.0767

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

135.9840, 0.9939, 7.9070

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.8270, 2.5503, 22.0767 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(161, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(161, 122, 141)  
}
```

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(161, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 122, 141) }
```

## Border

The CSS property to change the border of an element to YUV 135.8270, 2.5503, 22.0767 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(161, 122, 141) }
```



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

```
.border{ border-color:rgb(161, 122, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 122, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 122, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 122, 141);  
box-shadow:4px 4px 4px 4px rgb(161, 122,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 135.8270, 2.5503, 22.0767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 122, 141) }
```

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

```
.background{ background-color: rgb(161,  
122, 141) }
```

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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