

# Converting Colors

YUV(112.9260, 5.9525, 50.9309)

Have a look what the booklet for  
YUV(112.9260, 5.9525, 50.9309)  
contains.

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# Color

**YUV(112.9260, 5.9525,  
50.9309)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB517D
RGB	171, 81, 125
RGB Percent	67%, 32%, 49%
CMY	0.3294, 0.6824, 0.5098
CMYK	0.00, 0.53, 0.27, 0.33
HSL	331°, 36%, 49%
HSV	331°, 53%, 67%
XYZ	23.4387, 16.0235, 21.2595
YIQ	112.9260, 39.5160, 32.7640

# Conversions

## Conversions Part 2

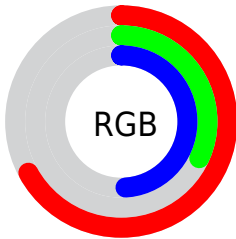
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 81, 125
Decimal	11227517
CIE <sub>Lab</sub>	47.01, 41.97, -7.40
CIE <sub>LCh</sub>	47, 42.619, 350.004
Yxy	16.0235, 0.3860, 0.2639
Android (android.graphics.Color)	4289417597 (0xFFAB517D)
YUV	112.9260, 5.9525, 50.9309
Hunter-Lab	40.0293, 34.4673, -3.4683

# Details

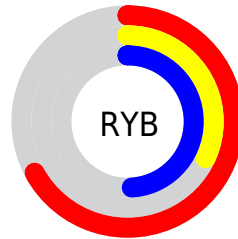
The YUV color **112.9260, 5.9525, 50.9309** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **139.0740, -5.9525, -50.9309**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5350, 5.6522, 53.9048**, and **60.3710, 7.7051, 48.7866** is the 20% darker color. If you saturate the color by 10%, you get **101.9210, 6.9409, 60.5823**, and if you desaturate by 10%, it is **123.9310, 4.9640, 41.2795**.

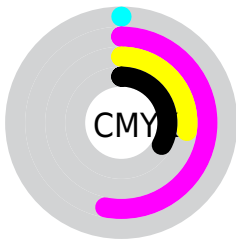
# Distribution



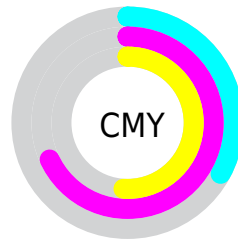
- Red (67%)
- Green (32%)
- Blue (49%)



- Red (67%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (27%)
- Black (33%)




- Cyan (33%)
- Magenta (68%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 112.9260, 5.9525, 50.9309 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 112.9260, 5.9525, 50.9309 by changing the saturation by 10% instead.




 112.9260, 5.9525,  
50.9309

 112.9260, 5.9525,  
50.9309


255.0000, 0.0000,  
0.0000


 86.4420, 6.6841,  
49.6014

 166.5350, 5.6522,  
53.9048


 60.3710, 7.7051,  
48.7866


 193.5350, 5.6522,  
53.9048


 32.6530, 10.0311,  
49.4163

 213.1630, 9.7796,  
36.6910

 22.4850, 4.6909,  
35.5317

 232.1070, 11.2862,  
20.0772

 13.0570, -2.9861,  
24.5060

 249.1300, 2.8939,  
5.1480

 0.0000, 0.0000,  
0.0000

112.9260, 5.9525,  
50.9309

112.9260, 5.9525,  
50.9309

101.9210, 6.9409,  
60.5823

123.9310, 4.9640,  
41.2795

91.0300, 8.3662,  
70.1337

134.8220, 3.5388,  
31.7281

80.0250, 9.3547,  
79.7851

145.8270, 2.5503,  
22.0767

69.0200, 10.3431,  
89.4365

156.8320, 1.5618,  
12.4253

60.7050, 11.4844,  
96.7287

167.8370, 0.5734,  
2.7740

179.3150, -1.1413,  
-7.2923

190.3200, -2.1298,  
-16.9436

201.3250, -3.1182,

-26.5950

 212.3300, -4.1067,  
-36.2464

# Harmonies

## Analogous

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



114.7730, 21.3109, 24.7551



112.9260, 5.9525, 50.9309



110.9150, -10.8041, 58.8335

# Triad

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



112.9260, 5.9525, 50.9309



105.5310, -32.3068, 2.1653



92.8860, 36.0452, -81.4610

# Complementary

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



112.9260, 5.9525, 50.9309



139.0740, -5.9525, -50.9309

# 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.



91.1130, 21.6363, -79.9061



112.9260, 5.9525, 50.9309



99.4050, -17.9477, -30.1732

# Square

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



112.9260, 5.9525, 50.9309



108.4250, -34.7195, 29.4453



86.3080, 5.7642, -75.6921



90.6010, 45.0597, -79.4571



# Rectangle

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



112.9260, 5.9525, 50.9309



110.1350, -21.2656, 54.2556



86.3080, 5.7642, -75.6921



93.0340, 31.5352, -81.5908

# Sweetspot

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



112.9260, 5.9525, 50.9309



198.8160, 2.5557, 20.3324



104.7150, 32.6785, 18.6669



98.4190, 1.2724, 11.9105



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



112.9260, 5.9525, 50.9309



131.6120, 9.0653, 79.2703



107.9100, -13.2666, 55.3299



81.1470, 0.4205, 5.1331



53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401



# Inverse Universe

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



112.9260, 5.9525, 50.9309



131.6120, 9.0653, 79.2703



144.0900, 13.2666, -55.3299



81.1470, 0.4205, 5.1331



53.2860, 10.2120, 84.8182



8.1310, 1.4144, 13.0401



# Previews

## White Background



This preview shows how the YUV color 112.9260, 5.9525, 50.9309 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



This preview shows how the YUV color 112.9260, 5.9525, 50.9309 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

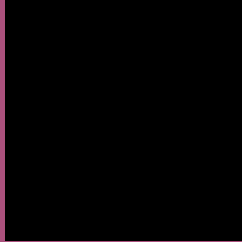
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 112.9260, 5.9525, 50.9309

## Background



This preview shows how black text looks on a background with the YUV color 112.9260, 5.9525, 50.9309.



This preview shows how white text looks on a background with the YUV color 112.9260, 5.9525,



# 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

112.9260, 5.9525, 50.9309

### Protanopia

112.4840, 16.0304, -8.3175

### Deuteranopia

113.2440, 3.3307, 5.0480



## Tritanopia

112.0170, -8.8824, 49.0971

# Trichromacy



## Original Color

112.9260, 5.9525, 50.9309

## Protanomaly

112.7040, 12.4709, 13.4146

## Deuteranomaly

113.2830, 4.2975, 21.6768

## Tritanomaly

112.3960, -3.6462, 49.6417

# Monochromacy



## Original Color

112.9260, 5.9525, 50.9309

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.6910, 2.1243, 18.6880

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.9260, 5.9525, 50.9309 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(171, 81, 125)` looks like.

```
.text, #text, p{  
    color:rgb(171, 81, 125)  
}
```

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(171, 81, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 81, 125) }
```

## Border

The CSS property to change the border of an element to YUV 112.9260, 5.9525, 50.9309 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(171, 81, 125) }
```



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

```
.border{ border-color:rgb(171, 81, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 81, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 81, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 81, 125);  
box-shadow:4px 4px 4px 4px rgb(171, 81,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 112.9260, 5.9525, 50.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 81, 125) }
```

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

```
.background{ background-color: rgb(171, 81,  
125) }
```

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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