

# Converting Colors

YUV(115.6020, 10.5492,  
23.1510)

Have a look what the booklet for  
YUV(115.6020, 10.5492, 23.1510)  
contains.

<b>YUV(115.6020, 10.5492, 23.1510)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(115.6020, 10.5492,  
23.1510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E6289
RGB	142, 98, 137
RGB Percent	56%, 38%, 54%
CMY	0.4431, 0.6157, 0.4627
CMYK	0.00, 0.31, 0.04, 0.44
HSL	307°, 18%, 47%
HSV	307°, 31%, 56%
XYZ	20.0384, 16.2923, 25.7555
YIQ	115.6020, 13.7050, 21.4570

# Conversions

## Conversions Part 2

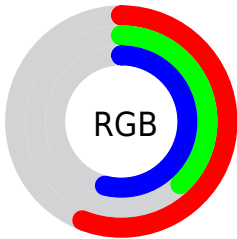
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 98, 137</a>
Decimal	<a href="#">9331337</a>
CIELab	<a href="#">47.36, 24.50, -14.46</a>
CIElCh	<a href="#">47, 28.447, 329.459</a>
Yxy	<a href="#">16.2923, 0.3228, 0.2624</a>
Android (android.graphics.Color)	<a href="#">4287521417 (0xFF8E6289)</a>
YUV	<a href="#">115.6020, 10.5492, 23.1510</a>
Hunter-Lab	<a href="#">40.3637, 17.9790, -9.5775</a>

# Details

The YUV color **115.6020, 10.5492, 23.1510** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.3980, -10.5492, -23.1510**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7270, 10.9806, 24.7954**, and **66.4770, 10.1178, 21.5067** is the 20% darker color. If you saturate the color by 10%, you get **107.1560, 13.7271, 30.5582**, and if you desaturate by 10%, it is **124.0480, 7.3713, 15.7439**.

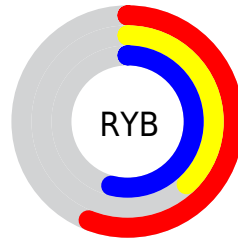
# Distribution



Red (56%)

Green (38%)

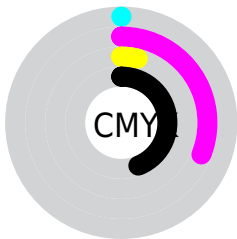
Blue (54%)



Red (56%)

Yellow (38%)

Blue (54%)

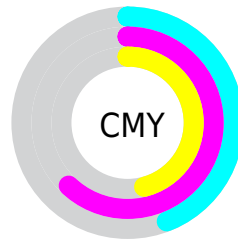


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (44%)



Cyan (44%)

Magenta (62%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 115.6020, 10.5492, 23.1510 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 115.6020, 10.5492, 23.1510 by changing the saturation by 10% instead.





 115.6020, 10.5492,  
23.1510


 115.6020, 10.5492,  
23.1510


255.0000, 0.0000,  
0.0000


 90.8900, 10.4072,  
22.0215


 167.7270, 10.9806,  
24.7954


 66.4770, 10.1178,  
21.5067

 195.4390, 11.1226,  
25.9250


 43.7650, 9.9759,  
20.3771

 223.5530, 11.5594,  
25.8250

 21.4660, 10.1233,  
19.7623

 241.4990, 6.6560,  
11.8404

 8.3740, 6.2246,  
10.1960

 0.0000, 0.0000,  
0.0000

■ 115.6020, 10.5492,  
23.1510

■ 115.6020, 10.5492,  
23.1510

■ 107.1560, 13.7271,  
30.5582

■ 124.0480, 7.3713,  
15.7439

■ 98.8240, 17.3418,  
37.8654

■ 132.3800, 3.7567,  
8.4367

■ 89.7910, 20.8090,  
45.7873

■ 141.4130, 0.2894,  
0.5148

■ 81.4590, 24.4237,  
53.0945

■ 149.7450, -3.3253,  
-6.7924

■ 73.0130, 27.6016,  
60.5016

■ 158.1910, -6.5032,  
-14.1995

■ 64.5670, 30.7795,  
67.9087

■ 166.6370, -9.6810,  
-21.6066

■ 56.8220, 34.1048,  
74.7011

■ 174.9690,  
-13.2957, -28.9138

■ 184.0020,

-16.7630, -36.8358

 192.4480,  
-19.9409, -44.2429

# Harmonies

## Analogous

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



113.8640, 19.7870, 0.1193



115.6020, 10.5492, 23.1510



115.1170, -0.5507, 36.7314

# Triad

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



115.6020, 10.5492, 23.1510



110.7250, -23.0354, 15.1502



88.7650, 22.7939, -77.8469

# Complementary

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



115.6020, 10.5492, 23.1510



124.3980, -10.5492, -23.1510

# 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.



98.2880, 6.2670, -50.2416



115.6020, 10.5492, 23.1510



108.3420, -18.9026, -3.8079

# Square

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



115.6020, 10.5492, 23.1510



112.3340, -19.8847, 31.2791



104.5440, -8.6492, -25.9101



97.7380, 27.2442, -58.5292



# Rectangle

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



115.6020, 10.5492, 23.1510



113.8910, -7.8343, 39.5606



104.5440, -8.6492, -25.9101



91.7400, 17.3832, -69.0550

# Sweetspot

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



115.6020, 10.5492, 23.1510



173.7930, 4.0461, 8.9515



104.2120, 18.6295, -1.9399



86.0160, 2.4571, 5.2480



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



115.6020, 10.5492, 23.1510



143.1720, 16.1842, 35.8062



113.2080, 1.3765, 25.2506



66.8910, 2.0257, 3.6036



54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184



# Inverse Universe

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



115.6020, 10.5492, 23.1510



143.1720, 16.1842, 35.8062



126.7920, -1.3765, -25.2506



66.8910, 2.0257, 3.6036



54.0450, 32.5158, 70.9975

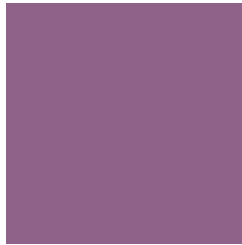


3.1900, 1.8783, 4.2184



# Previews

## White Background



This preview shows how the YUV color 115.6020, 10.5492, 23.1510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

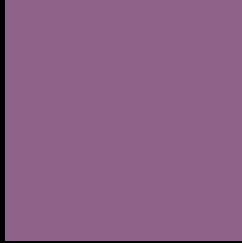
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 115.6020, 10.5492, 23.1510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

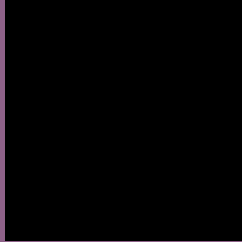
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 115.6020, 10.5492, 23.1510

## Background



This preview shows how black text looks on a background with the YUV color 115.6020, 10.5492, 23.1510.



This preview shows how white text looks on a background with the YUV color 115.6020, 10.5492,



# 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

115.6020, 10.5492, 23.1510

### Protanopia

112.5980, 16.4672, -8.4174

### Deuteranopia

113.7470, 10.4777, -0.6551



## Tritanopia

114.6760, -1.8123, 21.3321

# Trichromacy



## Original Color

115.6020, 10.5492, 23.1510

## Protanomaly

113.5070, 14.5400, 3.0634

## Deuteranomaly

114.8020, 10.4506, 8.0666

## Tritanomaly

114.8270, 2.5503, 22.0767

# Monochromacy



## Original Color

115.6020, 10.5492, 23.1510

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

115.4940, 4.1935, 8.3368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.6020, 10.5492, 23.1510 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(142, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(142, 98, 137)  
}
```

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(142, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 98, 137) }
```

## Border

The CSS property to change the border of an element to YUV 115.6020, 10.5492, 23.1510 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(142, 98, 137) }
```



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

```
.border{ border-color:rgb(142, 98, 137) }
```

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

Here you see how a box with a 4 pixel rgb(142, 98, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 98, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 98, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 98,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 115.6020, 10.5492, 23.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 98, 137) }
```

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

```
.background{ background-color: rgb(142, 98,  
137) }
```

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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