

# Converting Colors

YUV(91.5390, 6.1433, 36.3613)

Have a look what the booklet for  
YUV(91.5390, 6.1433, 36.3613)  
contains.

<b>YUV(91.5390, 6.1433, 36.3613)</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(91.5390, 6.1433,  
36.3613)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	854468
RGB	133, 68, 104
RGB Percent	52%, 27%, 41%
CMY	0.4784, 0.7333, 0.5922
CMYK	0.00, 0.49, 0.22, 0.48
HSL	327°, 32%, 39%
HSV	327°, 49%, 52%
XYZ	14.2387, 10.1203, 14.2996
YIQ	91.5390, 27.1840, 24.9760

# Conversions

## Conversions Part 2

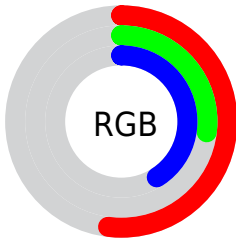
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 68, 104</a>
Decimal	<a href="#">8733800</a>
CIELab	<a href="#">38.06, 32.54, -8.46</a>
CIElCh	<a href="#">38, 33.625, 345.432</a>
Yxy	<a href="#">10.1203, 0.3683, 0.2618</a>
Android (android.graphics.Color)	<a href="#">4286923880 (0xFF854468)</a>
YUV	<a href="#">91.5390, 6.1433, 36.3613</a>
Hunter-Lab	<a href="#">31.8124, 24.2220, -4.3822</a>

# Details

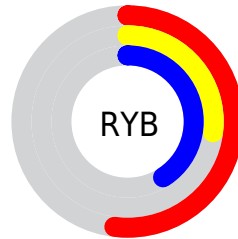
The YUV color **91.5390, 6.1433, 36.3613** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.4610, -6.1433, -36.3613**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1480, 5.8430, 39.3352**, and **41.8700, 7.4591, 34.3170** is the 20% darker color. If you saturate the color by 10%, you get **83.2240, 7.2846, 43.6536**, and if you desaturate by 10%, it is **99.8540, 5.0020, 29.0690**.

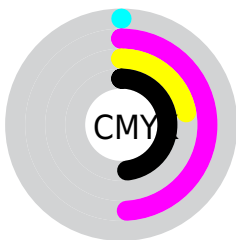
# Distribution



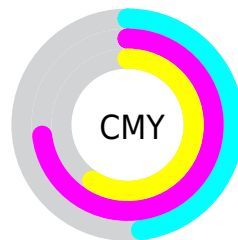
- Red (52%)
- Green (27%)
- Blue (41%)



- Red (52%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (22%)
- Black (48%)



- Cyan (48%)
- Magenta (73%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.5390, 6.1433, 36.3613 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 91.5390, 6.1433, 36.3613 by changing the saturation by 10% instead.



91.5390, 6.1433,  
36.3613

91.5390, 6.1433,  
36.3613

255.0000, 0.0000,  
0.0000

66.9410, 6.4381,  
35.1317

143.1480, 5.8430,  
39.3352

41.8700, 7.4591,  
34.3170

169.8600, 5.9850,  
40.4648

20.7340, 7.0331,  
30.9283

197.5720, 6.1270,  
41.5944

12.2460, 0.3717,  
20.8323

220.1900, 8.7803,  
30.5284

0.0000, 0.0000,  
0.0000

238.5640, 8.1029,  
14.4144

91.5390, 6.1433,  
36.3613

91.5390, 6.1433,  
36.3613

83.2240, 7.2846,  
43.6536

99.8540, 5.0020,  
29.0690

74.3220, 8.7153,  
51.4606

108.7560, 3.5713,  
21.2620

66.0070, 9.8565,  
58.7529

117.0710, 2.4300,  
13.9697

57.6920, 10.9978,  
66.0451

125.3860, 1.2887,  
6.6775

48.7900, 12.4285,  
73.8522

134.2880, -0.1420,  
-1.1296

48.2030, 12.7179,  
74.3670

142.6030, -1.2833,  
-8.4218

150.9180, -2.4246,  
-15.7141

159.1190, -4.0027,

-22.9064

■ 168.0210, -5.4334,  
-30.7134

# Harmonies

## Analogous

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



92.3820, 17.5597, 14.5740



91.5390, 6.1433, 36.3613



90.2660, -6.5401, 44.4937

# Triad

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



91.5390, 6.1433, 36.3613



85.5020, -24.8975, 5.6987



73.8790, 26.6817, -64.7919

# Complementary

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



91.5390, 6.1433, 36.3613



109.4610, -6.1433, -36.3613

# 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.



72.2030, 15.1829, -63.3220



91.5390, 6.1433, 36.3613



82.0520, -15.8016, -18.4626

# Square

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



91.5390, 6.1433, 36.3613



87.5090, -25.3939, 24.9866



69.9190, 2.5049, -56.9340



72.5400, 34.2438, -63.6176



# Rectangle

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



91.5390, 6.1433, 36.3613



89.0780, -14.8285, 42.9046



69.9190, 2.5049, -56.9340



73.5540, 22.8979, -64.5069

# Sweetspot

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



91.5390, 6.1433, 36.3613



156.4840, 2.7194, 14.4845



83.7820, 24.2645, 10.7152



76.8100, 1.5727, 8.9366



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



91.5390, 6.1433, 36.3613



107.9960, 9.8620, 57.0085



87.8910, -7.8343, 39.5606



62.1360, 0.4260, 3.3887



47.0780, 12.2865, 72.7226



1.0110, -0.0054, 1.7444



# Inverse Universe

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



91.5390, 6.1433, 36.3613



107.9960, 9.8620, 57.0085



113.1090, 7.8343, -39.5606



62.1360, 0.4260, 3.3887



47.0780, 12.2865, 72.7226

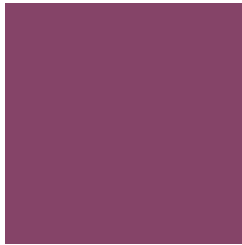


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 91.5390, 6.1433, 36.3613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

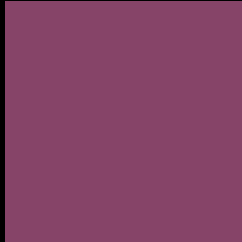
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 91.5390, 6.1433, 36.3613 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

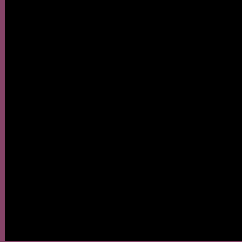
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 91.5390, 6.1433, 36.3613

## Background



This preview shows how black text looks on a background with the YUV color 91.5390, 6.1433, 36.3613.



This preview shows how white text looks on a background with the YUV color 91.5390, 6.1433,



# 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

91.5390, 6.1433, 36.3613

### Protanopia

90.3270, 14.1358, -7.3028

### Deuteranopia

91.2760, 4.7939, 2.3889



## Tritanopia

90.7270, -5.7814, 34.4424

# Trichromacy



## Original Color

91.5390, 6.1433, 36.3613

## Protanomaly

90.7420, 11.4662, 8.9963

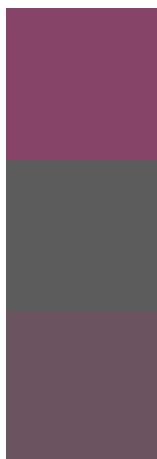
## Deuteranomaly

91.4670, 5.1928, 14.4994

## Tritanomaly

90.8780, -1.4189, 35.1870

# Monochromacy



## Original Color

91.5390, 6.1433, 36.3613

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

91.6580, 2.1406, 13.4549

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.5390, 6.1433, 36.3613 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(133, 68, 104)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 104)  
}
```

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(133, 68, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 104) }
```

## Border

The CSS property to change the border of an element to YUV 91.5390, 6.1433, 36.3613 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(133, 68, 104) }
```



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

```
.border{ border-color:rgb(133, 68, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 68, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 104);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 91.5390, 6.1433, 36.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 104) }
```

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

```
.background{ background-color: rgb(133, 68,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor