

# Converting Colors

YUV(91.7620, -2.3477, 6.3477)

Have a look what the booklet for  
YUV(91.7620, -2.3477, 6.3477)  
contains.

<b>YUV(91.7620, -2.3477, 6.3477)</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(91.7620, -2.3477,  
6.3477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635957
RGB	99, 89, 87
RGB Percent	39%, 35%, 34%
CMY	0.6118, 0.6510, 0.6588
CMYK	0.00, 0.10, 0.12, 0.61
HSL	10°, 6%, 36%
HSV	10°, 12%, 39%
XYZ	10.4383, 10.4855, 10.4906
YIQ	91.7620, 6.6020, 1.4980

# Conversions

## Conversions Part 2

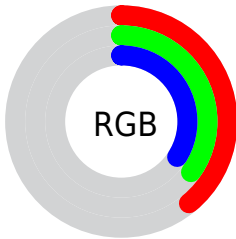
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 89, 87
Decimal	6510935
CIE Lab	38.70, 3.67, 2.62
CIE LCh	39, 4.507, 35.588
Yxy	10.4855, 0.3323, 0.3338
Android (android.graphics.Color)	4284701015 (0xFF635957)
YUV	91.7620, -2.3477, 6.3477
Hunter-Lab	32.3814, 0.8728, 3.4588

# Details

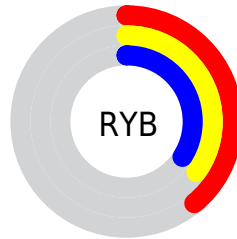
The YUV color **91.7620, -2.3477, 6.3477** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.2380, 2.3477, -6.3477**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0610, -2.4951, 6.9625**, and **46.1640, -2.0529, 5.1182** is the 20% darker color. If you saturate the color by 10%, you get **85.9260, -4.4005, 11.4659**, and if you desaturate by 10%, it is **97.5980, -0.2948, 1.2296**.

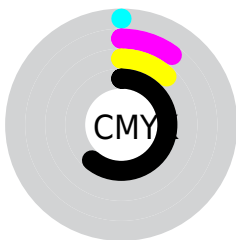
# Distribution



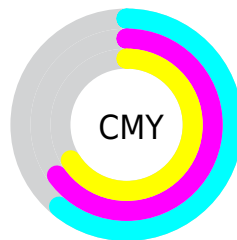
- Red (39%)
- Green (35%)
- Blue (34%)



- Red (39%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.7620, -2.3477, 6.3477 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 91.7620, -2.3477, 6.3477 by changing the saturation by 10% instead.



■ 91.7620, -2.3477,  
6.3477

■ 91.7620, -2.3477,  
6.3477

■ 255.0000, 0.0000,  
0.0000

■ 68.4630, -2.2003,  
5.7329

■ 142.0610, -2.4951,  
6.9625

■ 46.1640, -2.0529,  
5.1182

■ 168.3600, -2.6425,  
7.5773

■ 25.1640, -2.0529,  
5.1182

■ 195.3600, -2.6425,  
7.5773

■ 0.0000, 0.0000,  
0.0000

■ 223.3600, -2.6425,  
7.5773

■ 250.4520, -2.1948,  
3.9886

■ 91.7620, -2.3477,  
6.3477

■ 91.7620, -2.3477,  
6.3477

■ 85.9260, -4.4005,  
11.4659

■ 97.5980, -0.2948,  
1.2296

■ 80.0900, -6.4534,  
16.5841

■ 104.0210, 1.4686,  
-4.4034

■ 73.6670, -8.2168,  
22.2170

■ 109.8570, 3.5215,  
-9.5216

■ 67.8310, -10.2697,  
27.3352

■ 115.6930, 5.5744,  
-14.6398

■ 62.1090, -11.8857,  
32.3534

■ 121.5290, 7.6272,  
-19.7579

■ 55.6860, -13.6492,  
37.9864

■ 127.8380, 8.9539,  
-25.2909

■ 49.8500, -15.7020,  
43.1045

■ 133.6740, 11.0067,  
-30.4091

■ 44.0140, -17.7549,

■ 139.5100, 13.0596,

48.2227

-35.5273

■ 38.9930, -19.2235,  
52.6261

■ 145.3460, 15.1124,  
-40.6454

# Harmonies

## Analogous

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



92.2180, -0.6005, 5.9478



91.7620, -2.3477, 6.3477



91.5230, -3.2158, 4.8033

# Triad

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



91.7620, -2.3477, 6.3477



90.0380, -1.0047, -4.4183



90.9010, 3.4998, -2.5442

# Complementary

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



91.7620, -2.3477, 6.3477



94.2380, 2.3477, -6.3477

# 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.



90.2920, 3.8000, -5.5181



91.7620, -2.3477, 6.3477



89.8960, 1.0373, -6.0478

# Square

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



91.7620, -2.3477, 6.3477



90.3050, -2.6154, -1.1445



89.9390, 2.4951, -6.9625



91.6950, 2.6154, 1.1445



# Rectangle

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



91.7620, -2.3477, 6.3477



91.3980, -3.6472, 3.1590



89.9390, 2.4951, -6.9625



91.1890, 3.3578, -3.6738

# Sweetspot

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



91.7620, -2.3477, 6.3477



124.3810, -1.1738, 3.1739



91.7280, 2.5991, 6.3775



61.8970, -0.4422, 1.8443



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



91.7620, -2.3477, 6.3477



116.3280, -4.1057, 10.2363



95.2840, -4.0840, 3.2589



45.1960, -0.5896, 2.4591



44.6410, -22.0080, 59.0738



95.2400, -46.9533, 126.9545



# Inverse Universe

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



94.2380, 2.3477, -6.3477



119.6720, 4.1057, -10.2363



90.7160, 4.0840, -3.2589



46.8040, 0.5896, -2.4591



67.9460, 21.7186, -59.5886



144.7600, 46.9533, -126.9545



# Previews

## White Background



This preview shows how the YUV color 91.7620, -2.3477, 6.3477 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

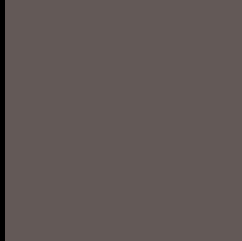
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 91.7620, -2.3477, 6.3477 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

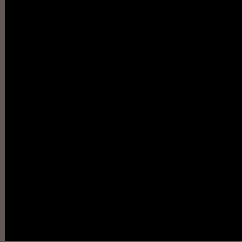
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 91.7620, -2.3477, 6.3477

## Background



This preview shows how black text looks on a background with the YUV color 91.7620, -2.3477, 6.3477.



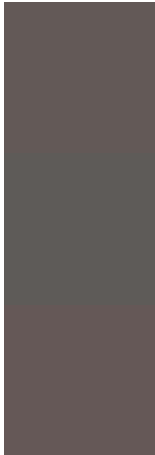
This preview shows how white text looks on a background with the YUV color 91.7620, -2.3477,



# 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

91.7620, -2.3477, 6.3477

### Protanopia

91.5550, -1.7526, 2.1443

### Deuteranopia

91.7730, -2.3531, 8.0921



## Tritanopia

92.3860, 1.2887, 6.6775

# Trichromacy



## Original Color

91.7620, -2.3477, 6.3477

## Protanomaly

91.5660, -1.7580, 3.8886

## Deuteranomaly

91.4740, -2.2057, 7.4773

## Tritanomaly

92.0440, -0.0217, 6.9774

# Monochromacy



## Original Color

91.7620, -2.3477, 6.3477

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

92.0820, -1.0264, 2.5591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.7620, -2.3477, 6.3477 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(99, 89, 87)` looks like.

```
.text, #text, p{  
    color:rgb(99, 89, 87)  
}
```

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(99, 89, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 89, 87) }
```

## Border

The CSS property to change the border of an element to YUV 91.7620, -2.3477, 6.3477 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(99, 89, 87) }
```



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

```
.border{ border-color:rgb(99, 89, 87) }
```

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

Here you see how a box with a 4 pixel rgb(99, 89, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 89, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 89, 87);  
box-shadow:4px 4px 4px 4px rgb(99, 89, 87)  
}
```

# Background

The CSS property to change the background color of an element to YUV 91.7620, -2.3477, 6.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 89, 87) }
```

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

```
.background{ background-color: rgb(99, 89,  
87) }
```

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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