

# Converting Colors

YUV(72.6030, 5.6187, 17.8882)

Have a look what the booklet for  
YUV(72.6030, 5.6187, 17.8882)  
contains.

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# Color

**YUV(72.6030, 5.6187,  
17.8882)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5D3C54
RGB	93, 60, 84
RGB Percent	36%, 24%, 33%
CMY	0.6353, 0.7647, 0.6706
CMYK	0.00, 0.35, 0.10, 0.64
HSL	316°, 22%, 30%
HSV	316°, 35%, 36%
XYZ	7.7303, 6.1990, 9.1766
YIQ	72.6030, 11.9640, 14.4600

# Conversions

## Conversions Part 2

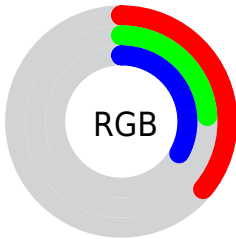
Format	Color
<a href="#">RYB</a>	<a href="#">93, 60, 84</a>
Decimal	<a href="#">6110292</a>
CIELab	<a href="#">29.91, 18.75, -8.53</a>
CIELCh	<a href="#">30, 20.599, 335.526</a>
Yxy	<a href="#">6.1990, 0.3346, 0.2683</a>
Android (android.graphics.Color)	<a href="#">4284300372</a> (0xFF5D3C54)
YUV	<a href="#">72.6030, 5.6187, 17.8882</a>
Hunter-Lab	<a href="#">24.8977, 11.8500, -4.4242</a>

# Details

The YUV color **72.6030, 5.6187, 17.8882** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.3970, -5.6187, -17.8882**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7280, 6.0501, 19.5325**, and **28.1790, 5.3348, 15.6290** is the 20% darker color. If you saturate the color by 10%, you get **66.9780, 6.9128, 22.8213**, and if you desaturate by 10%, it is **78.2280, 4.3246, 12.9550**.

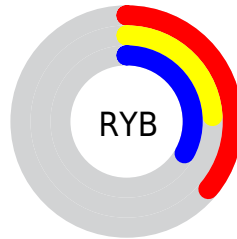
# Distribution



Red (36%)

Green (24%)

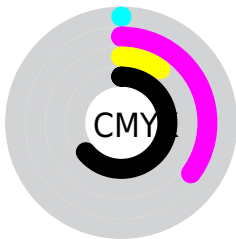
Blue (33%)



Red (36%)

Yellow (24%)

Blue (33%)

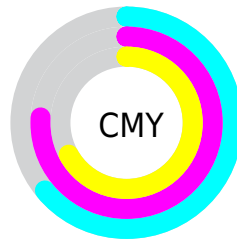


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (64%)



Cyan (64%)

Magenta (76%)


Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 72.6030, 5.6187, 17.8882 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 72.6030, 5.6187, 17.8882 by changing the saturation by 10% instead.




 72.6030, 5.6187,  
17.8882

 72.6030, 5.6187,  
17.8882


255.0000, 0.0000,  
0.0000

 49.8910, 5.4767,  
16.7586


 121.7280, 6.0501,  
19.5325

 28.1790, 5.3348,  
15.6290


 147.4400, 6.1921,  
20.6621

 10.5380, 4.1718,  
15.3142

 174.4400, 6.1921,  
20.6621

 0.0000, 0.0000,  
0.0000

 201.7390, 6.0447,  
21.2769

 230.1520, 6.3341,  
21.7917

 247.9560, 3.4727,

6.1776

■ 72.6030, 5.6187,  
17.8882

■ 72.6030, 5.6187,  
17.8882

■ 66.9780, 6.9128,  
22.8213

■ 78.2280, 4.3246,  
12.9550

■ 60.8800, 8.9332,  
28.1692

■ 84.3260, 2.3043,  
7.6071

■ 55.2550, 10.2273,  
33.1024

■ 89.9510, 1.0102,  
2.6740

■ 49.7440, 11.9582,  
37.9355


■ 95.4620, -0.7208,  
-2.1592

■ 44.1190, 13.2523,  
42.8686


■ 101.6740, -2.3043,  
-7.6071

■ 38.0210, 15.2726,  
48.2166

■ 107.1850, -4.0352,  
-12.4402

 35.5590, 15.9934,  
50.3758

 112.8100, -5.3293,  
-17.3734

 118.3210, -7.0603,  
-22.2065

 124.5330, -8.6438,  
-27.6544

# Harmonies

## Analogous

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



71.8230, 11.9193, 3.6632



72.6030, 5.6187, 17.8882



71.9970, -1.9705, 25.4356

# Triad

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



72.6030, 5.6187, 17.8882



68.7440, -15.1568, 8.1175



55.8180, 15.8657, -48.9524

# Complementary

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



72.6030, 5.6187, 17.8882



80.3970, -5.6187, -17.8882

# 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.



60.0770, 6.3710, -36.9015



72.6030, 5.6187, 17.8882



67.2800, -11.4770, -5.5076

# Square

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



72.6030, 5.6187, 17.8882



70.4510, -14.0263, 18.8985



64.5430, -3.7187, -20.6472



62.7750, 17.8589, -34.8827



# Rectangle

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



72.6030, 5.6187, 17.8882



71.3300, -7.0647, 26.0206



64.5430, -3.7187, -20.6472



56.2480, 13.6817, -48.4525

# Sweetspot

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



72.6030, 5.6187, 17.8882



111.9130, 2.0149, 7.0923



66.4530, 13.0877, 2.2337



56.0760, 1.4415, 4.3183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



72.6030, 5.6187, 17.8882



87.8800, 8.9332, 28.1692



70.7790, -1.3700, 19.4878



42.9510, 1.0102, 2.6740



42.0100, 18.7291, 59.6272



90.4710, 40.1938, 128.5059



# Inverse Universe

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



72.6030, 5.6187, 17.8882



87.8800, 8.9332, 28.1692



82.2210, 1.3700, -19.4878



42.9510, 1.0102, 2.6740



42.0100, 18.7291, 59.6272

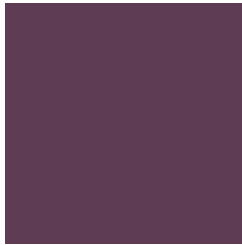


90.4710, 40.1938, 128.5059



# Previews

## White Background



This preview shows how the YUV color 72.6030, 5.6187, 17.8882 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 ✓ Pass



# Black Background



This preview shows how the YUV color 72.6030, 5.6187, 17.8882 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

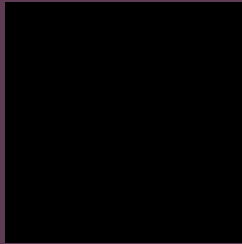
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 72.6030, 5.6187, 17.8882

## Background



This preview shows how black text looks on a background with the YUV color 72.6030, 5.6187, 17.8882.



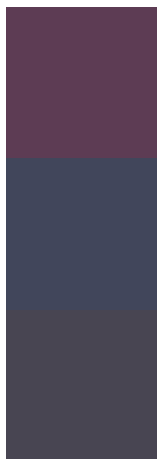
This preview shows how white text looks on a background with the YUV color 72.6030, 5.6187,



# 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

72.6030, 5.6187, 17.8882

### Protanopia

70.8990, 9.9098, -5.1734

### Deuteranopia

71.3790, 5.2362, 0.5446



## Tritanopia

71.9420, -1.9434, 16.7139

# Trichromacy



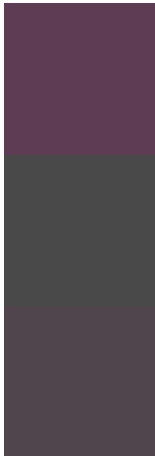
**Original Color**  
72.6030, 5.6187, 17.8882

**Protanomaly**  
71.1990, 8.2829, 3.3335

**Deuteranomaly**  
72.1240, 5.3619, 6.9073

**Tritanomaly**  
72.3380, 0.8194, 17.2436

# Monochromacy



**Original Color**  
72.6030, 5.6187, 17.8882

**Achromatopsia**  
73.0000, 0.0000, 0.0000

**Achromatomaly**  
72.6140, 2.1623, 6.4775

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.6030, 5.6187, 17.8882 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(93, 60, 84) looks like.

```
.text, #text, p{  
    color:rgb(93, 60, 84)  
}
```

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(93, 60, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 60, 84) }
```

## Border

The CSS property to change the border of an element to YUV 72.6030, 5.6187, 17.8882 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(93, 60, 84) }
```



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

```
.border{ border-color:rgb(93, 60, 84) }
```

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

Here you see how a box with a 4 pixel rgb(93, 60, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 60, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 60, 84);  
box-shadow:4px 4px 4px 4px rgb(93, 60, 84)  
}
```

# Background

The CSS property to change the background color of an element to YUV 72.6030, 5.6187, 17.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 60, 84) }
```

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

```
.background{ background-color: rgb(93, 60,  
84) }
```

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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