

# Converting Colors

YUV(73.7660, 24.7654,  
-56.7998)

Have a look what the booklet for  
YUV(73.7660, 24.7654, -56.7998)  
contains.

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# Color

**YUV(73.7660, 24.7654,  
-56.7998)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	09617C
RGB	9, 97, 124
RGB Percent	4%, 38%, 49%
CMY	0.9647, 0.6196, 0.5137
CMYK	0.93, 0.22, 0.00, 0.51
HSL	194°, 86%, 26%
HSV	194°, 93%, 49%
XYZ	8.0254, 10.0627, 20.5881
YIQ	73.7660, -61.1150, -10.2590

# Conversions

## Conversions Part 2

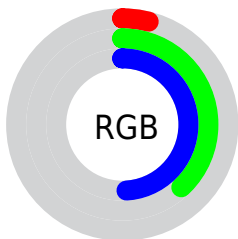
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 59, 124
Decimal	614780
CIE <sub>Lab</sub>	37.95, -13.21, -21.77
CIE <sub>LCh</sub>	38, 25.462, 238.750
Yxy	10.0627, 0.2075, 0.2602
Android (android.graphics.Color)	4278804860 (0xFF09617C)
YUV	73.7660, 24.7654, -56.7998
Hunter-Lab	31.7218, -10.3535, -16.2752

# Details

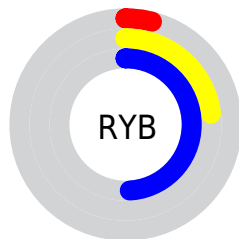
The YUV color **73.7660, 24.7654, -56.7998** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.2340, -24.7654, 56.7998**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6750, 22.8382, -45.3190**, and **38.4870, 18.0009, -33.7531** is the 20% darker color. If you saturate the color by 10%, you get **69.9010, 26.6708, -61.3032**, and if you desaturate by 10%, it is **79.1150, 22.1283, -50.9669**.

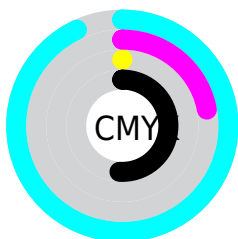
# Distribution



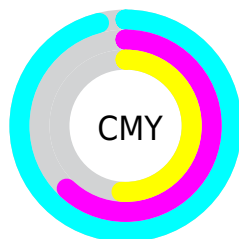
- Red (4%)
- Green (38%)
- Blue (49%)



- Red (4%)
- Yellow (23%)
- Blue (49%)



- Cyan (93%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (62%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.7660, 24.7654, -56.7998 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 73.7660, 24.7654, -56.7998 by changing the saturation by 10% instead.



73.7660, 24.7654,  
-56.7998

73.7660, 24.7654,  
-56.7998

255.0000, 0.0000,  
0.0000

54.1370, 22.1175,  
-47.4781

130.6750, 22.8382,  
-45.3190

38.4870, 18.0009,  
-33.7531

157.3870, 22.9802,  
-44.1894

23.5380, 14.0318,  
-20.6428

185.3870, 22.9802,  
-44.1894

4.7080, 12.9620,  
-4.1289

213.1160, 20.6488,  
-43.0747

0.2280, 0.8736,  
-0.2000

236.1630, 9.2866,  
-38.7310

0.0000, 0.0000,  
0.0000

244.8340, 5.0118,

-20.9024

253.8040, 0.5896,  
-2.4591

73.7660, 24.7654,  
-56.7998

73.7660, 24.7654,  
-56.7998

69.9010, 26.6708,  
-61.3032

79.1150, 22.1283,  
-50.9669

84.7630, 19.3438,  
-44.5192

90.1120, 16.7068,  
-38.6862

95.7600, 13.9223,  
-32.2385

101.1090, 11.2853,  
-26.4056

■ 105.8710, 8.9376,  
-20.0579

■ 111.5190, 6.1531,  
-13.6102

■ 116.8680, 3.5161,  
-7.7772

■ 122.5160, 0.7316,  
-1.3295

# Harmonies

## Analogous

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



71.0120, 18.2351, -62.2775



73.7660, 24.7654, -56.7998



85.5680, 21.9050, -25.9311

# Triad

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



73.7660, 24.7654, -56.7998



91.1980, -0.0976, 31.3984



85.6240, -16.5766, -3.1782

# Complementary

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



73.7660, 24.7654, -56.7998



59.2340, -24.7654, 56.7998

# 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.



87.9250, -19.6830, 13.2208



73.7660, 24.7654, -56.7998



90.3910, -9.5598, 32.9831

# Square

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



73.7660, 24.7654, -56.7998



91.9390, 9.3971, 19.3475



89.6970, -17.1056, 26.5757



82.5060, -7.6445, -21.4918



# Rectangle

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



73.7660, 24.7654, -56.7998



89.5810, 18.9406, -8.4025



89.6970, -17.1056, 26.5757



86.6140, -18.0507, 2.9695

# Sweetspot

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



73.7660, 24.7654, -56.7998



141.0880, 9.8166, -22.0022



79.5830, -21.4864, -61.9013



69.5190, 6.1531, -13.6102



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



73.7660, 24.7654, -56.7998



90.5550, 34.7294, -79.4167



40.3070, 41.2606, -27.4562



58.6190, 1.1738, -3.1739



70.6020, 26.8182, -61.9180



142.0190, 54.2206, -124.5507



# Inverse Universe

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



53.4170, 21.4864, 61.9013



62.1610, 29.9936, 86.6818



92.6930, -41.2606, 27.4562



57.3640, 1.2995, 3.1888



48.3190, 23.5067, 67.2492



97.3500, 47.1555, 135.6281



# Previews

## White Background



This preview shows how the YUV color 73.7660, 24.7654, -56.7998 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 73.7660, 24.7654, -56.7998 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

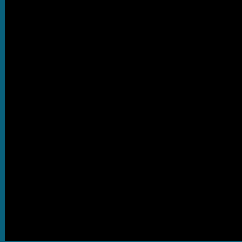
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.7660, 24.7654, -56.7998

## Background



This preview shows how black text looks on a background with the YUV color 73.7660, 24.7654, -56.7998.



This preview shows how white text looks on a background with the YUV color 73.7660, 24.7654,



# 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

73.7660, 24.7654, -56.7998

### Protanopia

89.2130, 13.6990, -7.2028

### Deuteranopia

88.7440, 18.3672, -11.1765



## Tritanopia

70.3110, 18.0877, -61.6627

# Trichromacy



## Original Color

73.7660, 24.7654, -56.7998

## Protanomaly

83.5420, 17.9738, -25.0313

## Deuteranomaly

83.2150, 20.6000, -27.3756

## Tritanomaly

71.3050, 20.5556, -59.9035

# Monochromacy



## Original Color

73.7660, 24.7654, -56.7998

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

73.5720, 9.0850, -20.6726

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.7660, 24.7654, -56.7998 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(9, 97, 124)` looks like.

```
.text, #text, p{  
    color:rgb(9, 97, 124)  
}
```

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(9, 97, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 97, 124) }
```

## Border

The CSS property to change the border of an element to YUV 73.7660, 24.7654, -56.7998 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(9, 97, 124) }
```



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

```
.border{ border-color:rgb(9, 97, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 97, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 97, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 97, 124);  
box-shadow:4px 4px 4px 4px rgb(9, 97, 124)  
}
```

# Background

The CSS property to change the background color of an element to YUV 73.7660, 24.7654, -56.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 97, 124) }
```

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

```
.background{ background-color: rgb(9, 97,  
124) }
```

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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