

# Converting Colors

YUV(73.8820, 18.7922,  
-54.2705)

Have a look what the booklet for  
YUV(73.8820, 18.7922, -54.2705)  
contains.

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# Color

**YUV(73.8820, 18.7922,  
-54.2705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C6270
RGB	12, 98, 112
RGB Percent	5%, 38%, 44%
CMY	0.9529, 0.6157, 0.5608
CMYK	0.89, 0.13, 0.00, 0.56
HSL	188°, 81%, 24%
HSV	188°, 89%, 44%
XYZ	7.4439, 9.9834, 16.8639
YIQ	73.8820, -55.7500, -13.8780

# Conversions

## Conversions Part 2

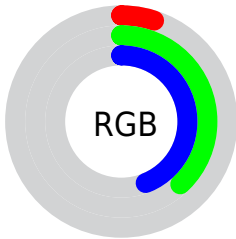
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 58, 112
Decimal	811632
CIELab	37.81, -18.03, -14.63
CIELCh	38, 23.214, 219.053
Yxy	9.9834, 0.2171, 0.2911
Android (android.graphics.Color)	4279001712 (0xFF0C6270)
YUV	73.8820, 18.7922, -54.2705
Hunter-Lab	31.5965, -13.2404, -9.5271

# Details

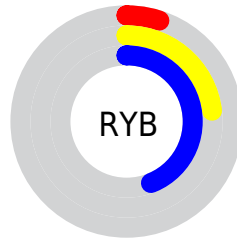
The YUV color **73.8820, 18.7922, -54.2705** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.1180, -18.7922, 54.2705**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4810, 17.0179, -45.1488**, and **37.2330, 13.1961, -32.6533** is the 20% darker color. If you saturate the color by 10%, you get **69.4190, 20.9924, -60.0035**, and if you desaturate by 10%, it is **78.3450, 16.5919, -48.5376**.

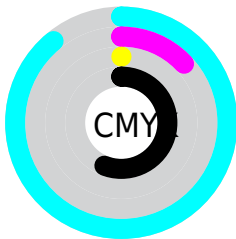
# Distribution



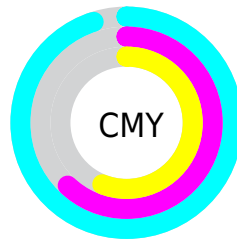
- Red (5%)
- Green (38%)
- Blue (44%)



- Red (5%)
- Yellow (23%)
- Blue (44%)



- Cyan (89%)
- Magenta (13%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (62%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.8820, 18.7922, -54.2705 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 73.8820, 18.7922, -54.2705 by changing the saturation by 10% instead.



73.8820, 18.7922,  
-54.2705

73.8820, 18.7922,  
-54.2705

255.0000, 0.0000,  
0.0000

53.4700, 17.0233,  
-46.8932

129.4810, 17.0179,  
-45.1488

37.2330, 13.1961,  
-32.6533

156.7800, 16.8705,  
-44.5341

22.9850, 9.3744,  
-20.1578

183.8940, 17.3073,  
-44.6340

3.0950, 9.3202,  
-2.7143

211.8940, 17.3073,  
-44.6340

0.0000, 0.0000,  
0.0000

235.5650, 9.5815,  
-39.9605

243.9370, 5.4541,

-22.7467

252.9070, 1.0318,  
-4.3034

73.8820, 18.7922,  
-54.2705

73.8820, 18.7922,  
-54.2705

69.4190, 20.9924,  
-60.0035

78.3450, 16.5919,  
-48.5376

69.1200, 21.1398,  
-60.6182

82.2210, 14.6810,  
-42.2898

86.9830, 12.3334,  
-35.9421

90.8590, 10.4225,  
-29.6943

95.3220, 8.2223,  
-23.9614

■ 99.1980, 6.3114,  
-17.7136

■ 103.6610, 4.1111,  
-11.9807

■ 108.4230, 1.7635,  
-5.6330

■ 112.2990, -0.1474,  
0.6148

# Harmonies

## Analogous

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



76.9020, 8.4293, -43.7641



73.8820, 18.7922, -54.2705



81.5620, 20.9219, -37.3269

# Triad

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



73.8820, 18.7922, -54.2705



91.3370, 5.7499, 22.5065



87.3480, -17.9196, 7.5878

# Complementary

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



73.8820, 18.7922, -54.2705



50.1180, -18.7922, 54.2705

# 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.



88.6640, -17.0894, 21.3427



73.8820, 18.7922, -54.2705



90.3890, -3.1498, 30.3538

# Square

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



73.8820, 18.7922, -54.2705



91.1870, 13.2188, 6.8520



89.5000, -11.5855, 29.3795



84.9160, -12.7766, -8.6963



# Rectangle

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



73.8820, 18.7922, -54.2705



86.0200, 19.7101, -21.9425



89.5000, -11.5855, 29.3795



87.9680, -18.2252, 12.3061

# Sweetspot

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



73.8820, 18.7922, -54.2705



130.4040, 7.1958, -21.4023



72.1820, -23.2607, -52.7796



65.0630, 4.4059, -13.2103



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



73.8820, 18.7922, -54.2705



89.9050, 27.1618, -78.8467



45.1190, 32.9723, -29.0454



53.6190, 1.1738, -3.1739



74.1410, 22.6085, -65.0217



153.1890, 46.2488, -134.3468



# Inverse Universe

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



51.7040, 22.8239, 52.8796



57.6050, 33.2257, 76.6454



78.8810, -32.9723, 29.0454



52.3640, 1.2995, 3.1888



47.6220, 27.3014, 63.4755

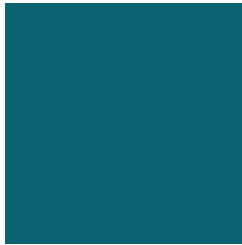


98.1350, 56.6284, 130.5546



# Previews

## White Background



This preview shows how the YUV color 73.8820, 18.7922, -54.2705 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 73.8820, 18.7922, -54.2705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

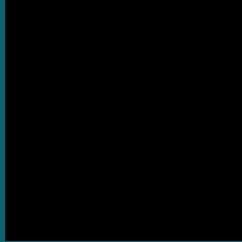
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.8820, 18.7922, -54.2705

## Background



This preview shows how black text looks on a background with the YUV color 73.8820, 18.7922, -54.2705.



This preview shows how white text looks on a background with the YUV color 73.8820, 18.7922,



# 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

73.8820, 18.7922, -54.2705

### Protanopia

89.0410, 7.8678, -3.5440

### Deuteranopia

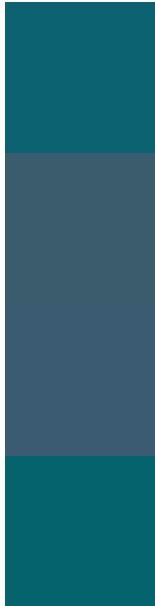
89.1810, 12.2358, -4.5437



## Tritanopia

70.3110, 18.0877, -61.6627

# Trichromacy



## Original Color

73.8820, 18.7922, -54.2705

## Protanomaly

83.6580, 12.0006, -22.5021

## Deuteranomaly

83.6410, 14.4740, -22.4872

## Tritanomaly

71.7350, 18.3716, -59.4036

# Monochromacy



## Original Color

73.8820, 18.7922, -54.2705

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.0020, 6.9010, -20.1728

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.8820, 18.7922, -54.2705 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(12, 98, 112)` looks like.

```
.text, #text, p{  
    color:rgb(12, 98, 112)  
}
```

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(12, 98, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 98, 112) }
```

## Border

The CSS property to change the border of an element to YUV 73.8820, 18.7922, -54.2705 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(12, 98, 112) }
```



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

```
.border{ border-color:rgb(12, 98, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 98, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 98, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 98, 112);  
box-shadow:4px 4px 4px 4px rgb(12, 98,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 73.8820, 18.7922, -54.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 98, 112) }
```

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

```
.background{ background-color: rgb(12, 98,  
112) }
```

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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