

# Converting Colors

YUV(89.9440, 18.2686,  
-26.2609)

Have a look what the booklet for  
YUV(89.9440, 18.2686, -26.2609)  
contains.

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# Color

**YUV(89.9440, 18.2686,  
-26.2609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C627F
RGB	60, 98, 127
RGB Percent	24%, 38%, 50%
CMY	0.7647, 0.6157, 0.5020
CMYK	0.53, 0.23, 0.00, 0.50
HSL	206°, 36%, 37%
HSV	206°, 53%, 50%
XYZ	10.0619, 11.2283, 21.7156
YIQ	89.9440, -31.9570, 0.9630

# Conversions

## Conversions Part 2

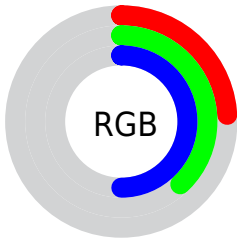
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 84, 127
Decimal	3957375
CIELab	39.96, -4.69, -20.36
CIELCh	40, 20.897, 257.035
Yxy	11.2283, 0.2340, 0.2611
Android (android.graphics.Color)	4282147455 (0xFF3C627F)
YUV	89.9440, 18.2686, -26.2609
Hunter-Lab	33.5087, -5.0406, -14.9674

# Details

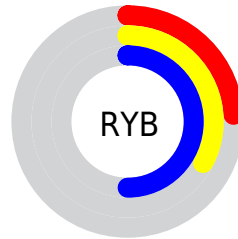
The YUV color **89.9440, 18.2686, -26.2609** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **97.0560, -18.2686, 26.2609**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4710, 18.9948, -25.8461**, and **39.4160, 19.0219, -34.5678** is the 20% darker color. If you saturate the color by 10%, you get **83.1220, 21.6319, -31.6790**, and if you desaturate by 10%, it is **96.7660, 14.9054, -20.8428**.

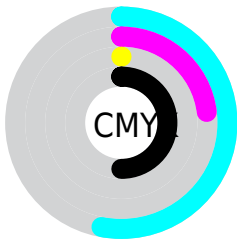
# Distribution



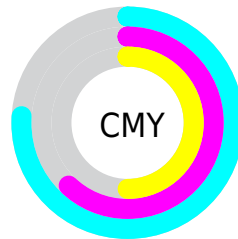
- Red (24%)
- Green (38%)
- Blue (50%)



- Red (24%)
- Yellow (33%)
- Blue (50%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (50%)



- Cyan (76%)
- Magenta (62%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.9440, 18.2686, -26.2609 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 89.9440, 18.2686, -26.2609 by changing the saturation by 10% instead.



■ 89.9440, 18.2686,  
-26.2609

■ 89.9440, 18.2686,  
-26.2609

■ 255.0000, 0.0000,  
0.0000

■ 65.2320, 18.1266,  
-27.3905

■ 141.4710, 18.9948,  
-25.8461

■ 39.4160, 19.0219,  
-34.5678

■ 167.5850, 19.4316,  
-25.9460

■ 24.4670, 15.0528,  
-21.4576

■ 195.6990, 19.8684,  
-26.0460

■ 5.0500, 14.2723,  
-4.4289

■ 222.3740, 16.0846,  
-25.7610

■ 0.7980, 3.0576,  
-0.6998

■ 245.1330, 4.8644,  
-20.2876

■ 0.0000, 0.0000,  
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 89.9440, 18.2686,  
-26.2609

■ 89.9440, 18.2686,  
-26.2609

■ 83.1220, 21.6319,  
-31.6790

■ 96.7660, 14.9054,  
-20.8428

■ 76.0120, 25.1371,  
-35.9675

■ 103.8760, 11.4001,  
-16.5543

■ 69.1900, 28.5003,  
-41.3856

■ 110.6980, 8.0369,  
-11.1361

■ 61.7810, 32.1530,  
-46.2889

■ 118.1070, 4.3842,  
-6.2328

■ 56.7420, 34.6372,  
-49.7627

■ 124.9290, 1.0210,  
-0.8147

■ 132.0390, -2.4842,  
3.4738

■ 138.8610, -5.8475,  
8.8919

■ 146.2700, -9.5001,  
13.7952

■ 152.7930,  
-12.7159, 18.5985

# Harmonies

## Analogous

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



85.1010, 16.7122, -40.4306



89.9440, 18.2686, -26.2609



94.1960, 16.1724, -7.1879

# Triad

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



89.9440, 18.2686, -26.2609



96.0960, -5.4703, 27.9798



90.2900, -10.0030, -11.6553

# Complementary

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



89.9440, 18.2686, -26.2609



97.0560, -18.2686, 26.2609

# 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.



92.0100, -15.2879, 3.4992



89.9440, 18.2686, -26.2609



94.9510, -12.3008, 25.4760

# Square

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



89.9440, 18.2686, -26.2609



96.5390, 2.6923, 23.2063



94.1580, -16.3469, 16.5244



87.3080, -0.6448, -26.5801



# Rectangle

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



89.9440, 18.2686, -26.2609



95.9480, 12.3506, 5.3076



94.1580, -16.3469, 16.5244



90.4540, -12.0558, -6.5372

# Sweetspot

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



89.9440, 18.2686, -26.2609



150.8830, 7.4527, -10.4214



102.5210, -7.1589, -37.2909



75.1070, 4.3842, -6.2328



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



89.9440, 18.2686, -26.2609



108.1900, 28.5003, -41.3856



71.1600, 27.5291, -9.7873



60.1460, 1.9000, -2.7590



56.8560, 35.0740, -49.8627



0.0000, 0.0000, 0.0000



# Inverse Universe

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



84.3650, 6.7221, 37.3909



99.2350, 10.7301, 58.5529



115.8400, -27.5291, 9.7873



59.5490, 0.7153, 3.9035



46.4800, 12.5814, 71.4930

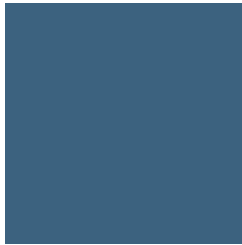


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 89.9440, 18.2686, -26.2609 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 89.9440, 18.2686, -26.2609 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

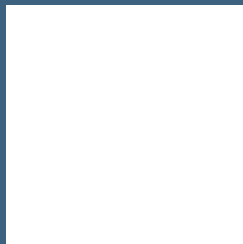
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 89.9440, 18.2686, -26.2609

## Background



This preview shows how black text looks on a background with the YUV color 89.9440, 18.2686, -26.2609.



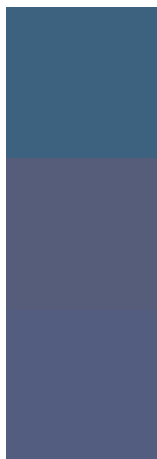
This preview shows how white text looks on a background with the YUV color 89.9440, 18.2686, -26.2609.



# 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

89.9440, 18.2686, -26.2609

### Protanopia

94.3270, 14.1358, -7.3028

### Deuteranopia

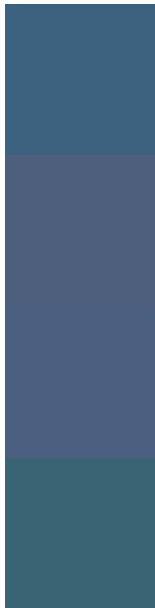
94.0000, 16.7620, -9.6470



## Tritanopia

87.8590, 10.4225, -29.6943

# Trichromacy



## Original Color

89.9440, 18.2686, -26.2609

## Protanomaly

92.9240, 15.3205, -13.9653

## Deuteranomaly

92.7820, 17.3625, -15.5948

## Tritanomaly

88.6680, 13.4747, -28.6498

# Monochromacy



## Original Color

89.9440, 18.2686, -26.2609

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

89.9540, 6.4317, -9.6067

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.9440, 18.2686, -26.2609 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(60, 98, 127)` looks like.

```
.text, #text, p{  
    color:rgb(60, 98, 127)  
}
```

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(60, 98, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 98, 127) }
```

## Border

The CSS property to change the border of an element to YUV 89.9440, 18.2686, -26.2609 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(60, 98, 127) }
```



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

```
.border{ border-color:rgb(60, 98, 127) }
```

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

Here you see how a box with a 4 pixel rgb(60, 98, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 98, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 98, 127);  
box-shadow:4px 4px 4px 4px rgb(60, 98,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 89.9440, 18.2686, -26.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 98, 127) }
```

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

```
.background{ background-color: rgb(60, 98,  
127) }
```

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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