

# Converting Colors

YUV(27.1720, 59.5682,  
-19.4448)

Have a look what the booklet for  
YUV(27.1720, 59.5682, -19.4448)  
contains.

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# Color

**YUV(27.1720, 59.5682,  
-19.4448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	050F94
RGB	5, 15, 148
RGB Percent	2%, 6%, 58%
CMY	0.9804, 0.9412, 0.4196
CMYK	0.97, 0.90, 0.00, 0.42
HSL	236°, 93%, 30%
HSV	236°, 97%, 58%
XYZ	5.5787, 2.5120, 28.2078
YIQ	27.1720, -48.6530, 39.2430

# Conversions

## Conversions Part 2

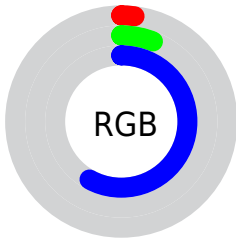
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 14, 148
Decimal	331668
CIE <sub>Lab</sub>	17.97, 47.88, -68.92
CIE <sub>LCh</sub>	18, 83.921, 304.786
Yxy	2.5120, 0.1537, 0.0692
Android (android.graphics.Color)	4278521748 (0xFF050F94)
YUV	27.1720, 59.5682, -19.4448
Hunter-Lab	15.8494, 35.0924, -94.4263

# Details

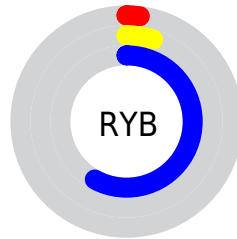
The YUV color **27.1720, 59.5682, -19.4448** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **125.8280, -59.5682, 19.4448**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.7340, 57.3191, 1.9873**, and **10.9440, 41.9326, -9.5979** is the 20% darker color. If you saturate the color by 10%, you get **22.7420, 61.7522, -19.9447**, and if you desaturate by 10%, it is **39.8750, 53.3056, -17.4304**.

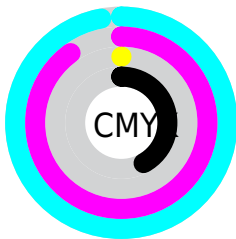
# Distribution



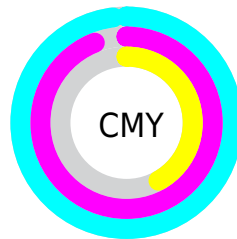
- Red (2%)
- Green (6%)
- Blue (58%)



- Red (2%)
- Yellow (5%)
- Blue (58%)



- Cyan (97%)
- Magenta (90%)
- Yellow (0%)
- Black (42%)



- Cyan (98%)
- Magenta (94%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 27.1720, 59.5682, -19.4448 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 27.1720, 59.5682, -19.4448 by changing the saturation by 10% instead.



■ 27.1720, 59.5682,  
-19.4448

■ 27.1720, 59.5682,  
-19.4448

■ 252.6520, 1.1576,  
2.0592

■ 13.7940, 52.8526,  
-12.0973

■ 86.7340, 57.3191,  
1.9873

■ 10.9440, 41.9326,  
-9.5979

■ 113.9840, 58.1819,  
5.2760

■ 12.7900, 28.6975,  
-11.2168

■ 139.9520, 56.7187,  
7.9351

■ 7.7060, 19.3719,  
-6.7582

■ 164.1840, 44.7723,  
12.9936

■ 3.5510, 11.0674,  
-3.1142

■ 189.0030, 32.5365,  
17.5374

■ 0.0000, 0.0000,  
0.0000

■ 214.4090, 20.0114,

21.5663

■ 235.6290, 9.5499,  
16.9884

■ 27.1720, 59.5682,  
-19.4448

■ 27.1720, 59.5682,  
-19.4448

■ 22.7420, 61.7522,  
-19.9447

■ 39.8750, 53.3056,  
-17.4304

■ 52.5780, 47.0430,  
-15.4159

■ 64.3950, 41.2173,  
-13.5014

■ 77.0980, 34.9547,  
-11.4869

■ 89.8010, 28.6921,  
-9.4725

■ 102.5040, 22.4295,  
-7.4580

■ 114.6200, 16.4563,  
-4.9287

■ 127.0240, 10.3412,  
-3.5290

■ 139.7270, 4.0786,  
-1.5146

# Harmonies

## Analogous

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



51.3060, 59.5021, -44.9954



27.1720, 59.5682, -19.4448



45.7420, 25.2702, 61.6163

# Triad

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



27.1720, 59.5682, -19.4448



32.5030, -16.0240, 53.0559



42.4360, 5.2081, -37.2164

# Complementary

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



27.1720, 59.5682, -19.4448



125.8280, -59.5682, 19.4448

# 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.



35.8070, -17.6529, -31.4027



27.1720, 59.5682, -19.4448



41.0550, -20.2401, 5.2138

# Square

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



27.1720, 59.5682, -19.4448



37.6740, -18.5733, 77.4619



32.8720, -16.2059, -28.8287



50.5640, 31.2739, -44.3446



# Rectangle

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



27.1720, 59.5682, -19.4448



46.9770, 5.4343, 77.1962



32.8720, -16.2059, -28.8287



39.9280, -4.4015, -35.0169

# Sweetspot

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



27.1720, 59.5682, -19.4448



144.6180, 22.8663, -7.5580



103.8750, 15.8376, -86.7134



68.0500, 14.2723, -4.4289



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



27.1720, 59.5682, -19.4448



29.4050, 79.6663, -25.7882



39.2420, 53.6177, 22.5898



67.7980, 3.0576, -0.6998



21.6020, 57.3842, -18.9450



1.7270, 4.0786, -1.5146



# Inverse Universe

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



48.8970, -16.7112, 86.9133



58.5910, -22.4764, 116.1227



113.7580, -53.6177, -22.5898



69.0930, -1.0318, 4.3034



42.4020, -15.9742, 83.8394

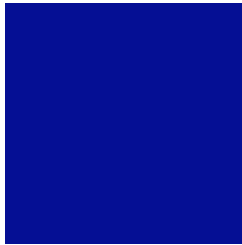


3.1040, -1.0373, 6.0478



# Previews

## White Background



This preview shows how the YUV color 27.1720, 59.5682, -19.4448 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

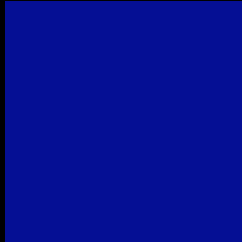
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 27.1720, 59.5682, -19.4448 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 27.1720, 59.5682, -19.4448

## Background



This preview shows how black text looks on a background with the YUV color 27.1720, 59.5682, -19.4448.



This preview shows how white text looks on a background with the YUV color 27.1720, 59.5682, -19.4448.



# 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

27.1720, 59.5682, -19.4448

### Protanopia

36.4300, 27.8890, -31.9491

### Deuteranopia

37.1820, 20.6163, -32.6086



## Tritanopia

36.0930, 8.8282, -31.6536

# Trichromacy



## Original Color

27.1720, 59.5682, -19.4448

## Protanomaly

32.8510, 39.5135, -27.0563

## Deuteranomaly

33.5860, 34.7141, -27.7009

## Tritanomaly

32.9360, 27.1466, -27.1309

# Monochromacy



## Original Color

27.1720, 59.5682, -19.4448

## Achromatopsia

27.0000, 0.0000, 0.0000

## Achromatomaly

27.2760, 21.5559, -7.2581

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 27.1720, 59.5682, -19.4448 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(5, 15, 148)` looks like.

```
.text, #text, p{  
    color:rgb(5, 15, 148)  
}
```

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(5, 15, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 15, 148) }
```

## Border

The CSS property to change the border of an element to YUV 27.1720, 59.5682, -19.4448 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(5, 15, 148) }
```



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

```
.border{ border-color:rgb(5, 15, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 15, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 15, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 15, 148);  
box-shadow:4px 4px 4px 4px rgb(5, 15, 148)  
}
```

# Background

The CSS property to change the background color of an element to YUV 27.1720, 59.5682, -19.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 15, 148) }
```

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

```
.background{ background-color: rgb(5, 15,  
148) }
```

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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