

# Converting Colors

YUV(36.1990, 21.5939,  
-19.4685)

Have a look what the booklet for  
YUV(36.1990, 21.5939, -19.4685)  
contains.

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# Color

**YUV(36.1990, 21.5939,  
-19.4685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E2750
RGB	14, 39, 80
RGB Percent	5%, 15%, 31%
CMY	0.9451, 0.8471, 0.6863
CMYK	0.82, 0.51, 0.00, 0.69
HSL	217°, 70%, 18%
HSV	217°, 82%, 31%
XYZ	2.3546, 2.1236, 7.8752
YIQ	36.1990, -28.0610, 7.4510

# Conversions

## Conversions Part 2

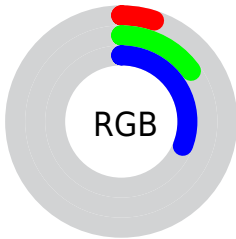
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 32, 80
Decimal	927568
CIE Lab	16.12, 7.30, -27.94
CIE LCh	16, 28.882, 284.633
Yxy	2.1236, 0.1906, 0.1719
Android (android.graphics.Color)	4279117648 (0xFF0E2750)
YUV	36.1990, 21.5939, -19.4685
Hunter-Lab	14.5725, 3.3396, -21.8404

# Details

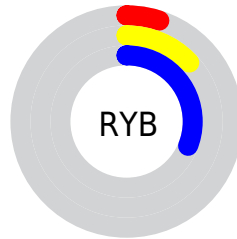
The YUV color **36.1990, 21.5939, -19.4685** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.8010, -21.5939, 19.4685**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.8730, 22.7406, -13.9206**, and **5.1640, 14.7091, -4.5288** is the 20% darker color. If you saturate the color by 10%, you get **30.8720, 24.2201, -21.8127**, and if you desaturate by 10%, it is **41.5260, 18.9677, -17.1243**.

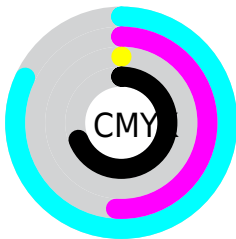
# Distribution



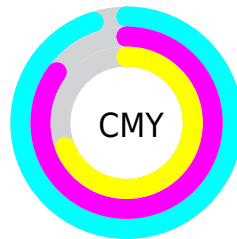
- Red (5%)
- Green (15%)
- Blue (31%)



- Red (5%)
- Yellow (13%)
- Blue (31%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (85%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 36.1990, 21.5939, -19.4685 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 36.1990, 21.5939, -19.4685 by changing the saturation by 10% instead.



■ 36.1990, 21.5939,  
-19.4685

■ 36.1990, 21.5939,  
-19.4685

■ 255.0000, 0.0000,  
0.0000

■ 17.6510, 19.3991,  
-15.4799

■ 83.8730, 22.7406,  
-13.9206

■ 5.1640, 14.7091,  
-4.5288

■ 108.9870, 23.1774,  
-14.0206

■ 1.1400, 4.3680,  
-0.9998

■ 134.5140, 23.9036,  
-13.6058

■ 0.0000, 0.0000,  
0.0000

■ 161.0410, 24.6298,  
-13.1910

■ 188.1550, 25.0666,  
-13.2909

■ 214.2000, 20.1144,

-11.5764

■ 239.5950, 7.5947,  
-9.2918

■ 36.1990, 21.5939,  
-19.4685

■ 36.1990, 21.5939,  
-19.4685

■ 30.8720, 24.2201,  
-21.8127

■ 41.5260, 18.9677,  
-17.1243

■ 26.7300, 26.2621,  
-23.4422

■ 46.8530, 16.3415,  
-14.7801

■ 52.1800, 13.7153,  
-12.4359

■ 57.5070, 11.0890,  
-10.0916

■ 62.8340, 8.4628,  
-7.7474

■ 68.1610, 5.8366,  
-5.4032

■ 73.4880, 3.2104,  
-3.0590

■ 78.8150, 0.5842,  
-0.7148

■ 84.1420, -2.0420,  
1.6295

# Harmonies

## Analogous

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



35.5350, 21.9212, -31.1642



36.1990, 21.5939, -19.4685



41.3230, 13.6448, 10.2407

# Triad

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



36.1990, 21.5939, -19.4685



37.6310, -13.6221, 29.2646



31.9550, -1.9498, -28.0245

# Complementary

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



36.1990, 21.5939, -19.4685



57.8010, -21.5939, 19.4685

# 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.



33.3560, -13.4865, -14.3442



36.1990, 21.5939, -19.4685



38.1860, -18.8257, 18.2539

# Square

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



36.1990, 21.5939, -19.4685



37.7100, -3.3080, 34.4573



37.2120, -18.3455, 4.1991



34.4630, 7.6597, -30.2241



# Rectangle

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



36.1990, 21.5939, -19.4685



40.1460, 8.8020, 23.5510



37.2120, -18.3455, 4.1991



30.5700, -4.7180, -26.8099

# Sweetspot

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



36.1990, 21.5939, -19.4685



86.9480, 8.8996, -7.8474



57.4160, -1.1911, -38.0758



43.0470, 5.3998, -5.3032



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



36.1990, 21.5939, -19.4685



35.7490, 34.1407, -30.4749



23.9160, 27.6494, -1.6803



38.0430, 1.4578, -0.9147



35.4500, 34.2882, -31.0896



78.1040, 75.8707, -68.4972



# Inverse Universe

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



36.5840, 1.1911, 38.0758



36.5420, 1.7048, 60.0377



70.0840, -27.6494, 1.6803



38.3100, -0.1528, 2.3591



35.9550, 1.9942, 60.5525



79.4000, 4.2398, 133.8302



# Previews

## White Background



This preview shows how the YUV color 36.1990, 21.5939, -19.4685 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 36.1990, 21.5939, -19.4685 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

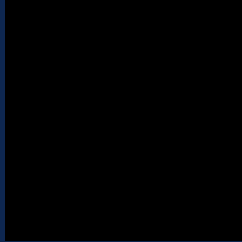
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 36.1990, 21.5939, -19.4685

## Background



This preview shows how black text looks on a background with the YUV color 36.1990, 21.5939, -19.4685.



This preview shows how white text looks on a background with the YUV color 36.1990, 21.5939,



# 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

36.1990, 21.5939, -19.4685

### Protanopia

36.1990, 21.5939, -19.4685

### Deuteranopia

32.2750, 19.5844, -28.3052



## Tritanopia

31.8870, 7.9437, -27.9649

# Trichromacy



## Original Color

36.1990, 21.5939, -19.4685

## Protanomaly

36.1990, 21.5939, -19.4685

## Deuteranomaly

33.5250, 20.4472, -25.0164

## Tritanomaly

33.5760, 13.0270, -25.0612

# Monochromacy



## Original Color

36.1990, 21.5939, -19.4685

## Achromatopsia

36.0000, 0.0000, 0.0000

## Achromatomaly

36.0190, 7.8786, -7.0327

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 36.1990, 21.5939, -19.4685 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(14, 39, 80)` looks like.

```
.text, #text, p{  
    color:rgb(14, 39, 80)  
}
```

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(14, 39, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 39, 80) }
```

## Border

The CSS property to change the border of an element to YUV 36.1990, 21.5939, -19.4685 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(14, 39, 80) }
```



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

```
.border{ border-color:rgb(14, 39, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 39, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 39, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 39, 80);  
box-shadow:4px 4px 4px 4px rgb(14, 39, 80)  
}
```

# Background

The CSS property to change the background color of an element to YUV 36.1990, 21.5939, -19.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 39, 80) }
```

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

```
.background{ background-color: rgb(14, 39,  
80) }
```

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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