

# Converting Colors

YUV(40.3090, 71.8257,  
-30.9660)

Have a look what the booklet for  
YUV(40.3090, 71.8257, -30.9660)  
contains.

<b>YUV(40.3090, 71.8257, -30.9660)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(40.3090, 71.8257,  
-30.9660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	051EBA
RGB	5, 30, 186
RGB Percent	2%, 12%, 73%
CMY	0.9804, 0.8824, 0.2706
CMYK	0.97, 0.84, 0.00, 0.27
HSL	232°, 95%, 37%
HSV	232°, 97%, 73%
XYZ	9.3898, 4.5060, 46.8292
YIQ	40.3090, -64.9760, 43.2160

# Conversions

## Conversions Part 2

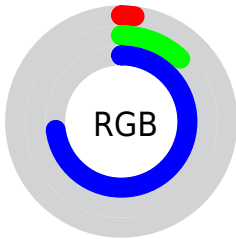
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 27, 186
Decimal	335546
CIE Lab	25.28, 53.22, -79.80
CIE LCh	25, 95.915, 303.699
Yxy	4.5060, 0.1546, 0.0742
Android (android.graphics.Color)	4278525626 (0xFF051EBA)
YUV	40.3090, 71.8257, -30.9660
Hunter-Lab	21.2273, 41.8108, -115.9397

# Details

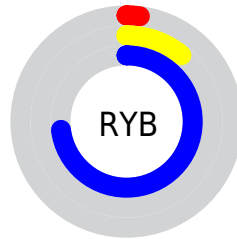
The YUV color **40.3090, 71.8257, -30.9660** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **150.6910, -71.8257, 30.9660**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.5020, 69.2655, -3.0713**, and **14.9340, 57.2205, -13.0971** is the 20% darker color. If you saturate the color by 10%, you get **36.4660, 73.7203, -31.9807**, and if you desaturate by 10%, it is **55.3820, 64.3947, -27.5220**.

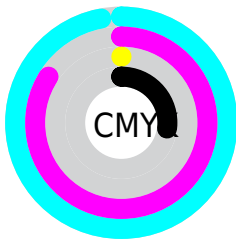
# Distribution



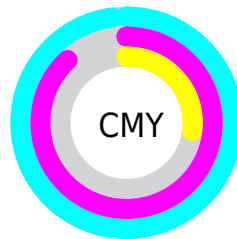
- Red (2%)
- Green (12%)
- Blue (73%)



- Red (2%)
- Yellow (11%)
- Blue (73%)



- Cyan (97%)
- Magenta (84%)
- Yellow (0%)
- Black (27%)



- Cyan (98%)
- Magenta (88%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 40.3090, 71.8257, -30.9660 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 40.3090, 71.8257, -30.9660 by changing the saturation by 10% instead.



■ 40.3090, 71.8257,  
-30.9660

■ 40.3090, 71.8257,  
-30.9660

■ 255.0000, 0.0000,  
0.0000

■ 20.3600, 67.8565,  
-17.8557

■ 103.5020, 69.2655,  
-3.0713

■ 14.9340, 57.2205,  
-13.0971

■ 129.5860, 61.8291,  
2.1171

■ 11.9700, 45.8638,  
-10.4977

■ 153.5300, 50.0247,  
8.3052

■ 14.9900, 32.0499,  
-13.1462

■ 178.6480, 37.6415,  
13.4637

■ 9.3190, 23.0137,  
-8.1728

■ 203.7660, 25.2584,  
18.6222


■ 4.9360, 13.8356,  
-4.3289

■ 229.1720, 12.7332,


■ 0.7980, 3.0576,


22.6512


-0.6998


 246.1950, 4.3409,  
7.7220


 0.0000, 0.0000,  
0.0000

 40.3090, 71.8257,  
-30.9660


 40.3090, 71.8257,  
-30.9660

 36.4660, 73.7203,  
-31.9807

 55.3820, 64.3947,  
-27.5220

 70.1560, 57.1111,  
-24.6928

 85.2290, 49.6801,  
-21.2488

 100.0030, 42.3965,  
-18.4196

 115.0760, 34.9655,  
-14.9757

■ 130.1490, 27.5345,  
-11.5317

■ 144.9230, 20.2510,  
-8.7025

■ 159.9960, 12.8200,  
-5.2585

■ 174.7700, 5.5364,  
-2.4293

# Harmonies

## Analogous

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



66.5460, 72.2018, -58.3608



40.3090, 71.8257, -30.9660



57.7190, 33.6625, 76.5454

# Triad

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



40.3090, 71.8257, -30.9660



46.4570, -22.9033, 66.2512



55.8860, 5.9722, -49.0120

# Complementary

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



40.3090, 71.8257, -30.9660



150.6910, -71.8257, 30.9660

# 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.



46.3730, -22.8619, -40.6691



40.3090, 71.8257, -30.9660



55.8400, -27.5291, 9.7873

# Square

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



40.3090, 71.8257, -30.9660



47.8400, -23.5851, 98.3643



44.0250, -21.7043, -38.6099



65.3820, 37.2797, -57.3400



# Rectangle

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



40.3090, 71.8257, -30.9660



59.5370, 9.5953, 95.9991



44.0250, -21.7043, -38.6099



52.3350, -5.0952, -45.8978

# Sweetspot

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



40.3090, 71.8257, -30.9660



185.8500, 27.6820, -12.1464



128.8030, 14.8871, -108.5752



87.7230, 16.8986, -6.7731



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



40.3090, 71.8257, -30.9660



46.9590, 96.1552, -41.1830



44.4710, 69.7738, 20.6349



84.6130, 3.6418, -1.4146



30.1110, 62.0633, -26.4073



5.5400, 11.0728, -4.8586



# Inverse Universe

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



61.9690, -15.7607, 108.7752



76.1200, -21.2582, 145.4768



146.5290, -69.7738, -20.6349



85.8050, -0.8899, 5.4330



49.0380, -13.8227, 93.8057

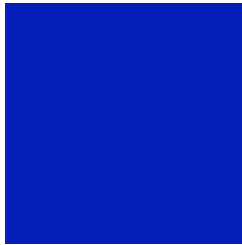


8.8280, -2.3802, 16.8138



# Previews

## White Background



This preview shows how the YUV color 40.3090, 71.8257, -30.9660 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

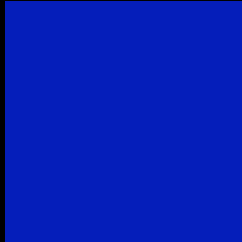
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 40.3090, 71.8257, -30.9660 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

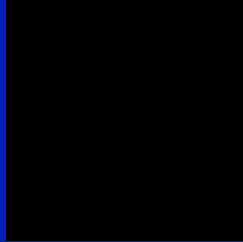
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 40.3090, 71.8257, -30.9660

## Background



This preview shows how black text looks on a background with the YUV color 40.3090, 71.8257, -30.9660.



This preview shows how white text looks on a background with the YUV color 40.3090, 71.8257,

-30.9660.

# 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

40.3090, 71.8257, -30.9660

### Protanopia

48.6550, 36.6521, -42.6704

### Deuteranopia

48.8370, 27.1954, -42.8300



## Tritanopia

47.4230, 11.6235, -41.5900

# Trichromacy



## Original Color

40.3090, 71.8257, -30.9660

## Protanomaly

45.4180, 49.5869, -38.0776

## Deuteranomaly

45.8110, 43.4772, -38.4222

## Tritanomaly

45.1780, 33.4362, -37.8671

# Monochromacy



## Original Color

40.3090, 71.8257, -30.9660

## Achromatopsia

40.0000, 0.0000, 0.0000

## Achromatomaly

39.8070, 26.2241, -11.2317

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 40.3090, 71.8257, -30.9660 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, 30, 186)` looks like.

```
.text, #text, p{  
    color:rgb(5, 30, 186)  
}
```

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, 30, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 30, 186) }
```

## Border

The CSS property to change the border of an element to YUV 40.3090, 71.8257, -30.9660 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, 30, 186) }
```



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

```
.border{ border-color:rgb(5, 30, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 30, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 30, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 30, 186);  
box-shadow:4px 4px 4px 4px rgb(5, 30, 186)  
}
```

# Background

The CSS property to change the background color of an element to YUV 40.3090, 71.8257, -30.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 30, 186) }
```

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

```
.background{ background-color: rgb(5, 30,  
186) }
```

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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