

Converting Colors

YUV(39.1460, 52.1860,
-31.7000)

Have a look what the booklet for
YUV(39.1460, 52.1860, -31.7000)
contains.

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Color

**YUV(39.1460, 52.1860,
-31.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	032591
RGB	3, 37, 145
RGB Percent	1%, 15%, 57%
CMY	0.9882, 0.8549, 0.4314
CMYK	0.98, 0.74, 0.00, 0.43
HSL	226°, 96%, 29%
HSV	226°, 98%, 57%
XYZ	5.8100, 3.3868, 27.1356
YIQ	39.1460, -54.9320, 26.3800

Conversions

Conversions Part 2

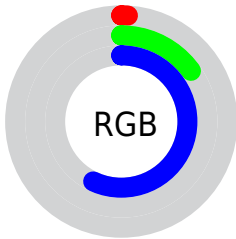
Format	Color
R_{YB}	3, 30, 145
Decimal	206225
CIE _{Lab}	21.53, 35.19, -61.15
CIE _{LCh}	22, 70.555, 299.919
Yxy	3.3868, 0.1599, 0.0932
Android (android.graphics.Color)	4278396305 (0xFF032591)
YUV	39.1460, 52.1860, -31.7000
Hunter-Lab	18.4033, 24.1468, -74.5403

Details

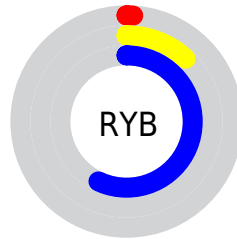
The YUV color **39.1460, 52.1860, -31.7000** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **108.8540, -52.1860, 31.7000**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.6480, 50.9525, -9.3383**, and **10.6020, 40.6222, -9.2980** is the 20% darker color. If you saturate the color by 10%, you get **37.0750, 53.2070, -32.5148**, and if you desaturate by 10%, it is **49.7890, 46.9390, -28.7560**.

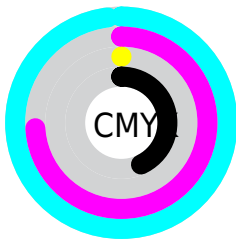
Distribution



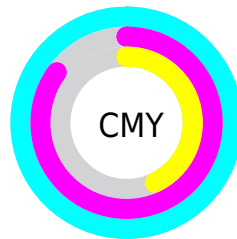
- Red (1%)
- Green (15%)
- Blue (57%)



- Red (1%)
- Yellow (12%)
- Blue (57%)



- Cyan (98%)
- Magenta (74%)
- Yellow (0%)
- Black (43%)



- Cyan (99%)
- Magenta (85%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.1460, 52.1860, -31.7000 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 39.1460, 52.1860, -31.7000 by changing the saturation by 10% instead.

■ 39.1460, 52.1860,
-31.7000

■ 39.1460, 52.1860,
-31.7000

■ 255.0000, 0.0000,
0.0000

■ 23.5450, 47.0593,
-20.6490

■ 96.6480, 50.9525,
-9.3383

■ 10.6020, 40.6222,
-9.2980

■ 123.3000, 52.1101,
-7.2791

■ 12.4480, 27.3871,
-10.9169

■ 149.6100, 51.9573,
-4.9200

■ 6.8910, 18.7877,
-6.0434

■ 173.8420, 40.0109,
0.1386


■ 3.3230, 10.1938,
-2.9143


■ 198.3620, 27.9225,
4.0675


■ 0.0000, 0.0000,
0.0000


■ 223.7680, 15.3974,


8.0965


 246.7820, 4.0515,
7.2072


 39.1460, 52.1860,
-31.7000


 39.1460, 52.1860,
-31.7000


 37.0750, 53.2070,
-32.5148

 49.7890, 46.9390,
-28.7560

 60.7310, 41.5446,
-25.1971

 71.3740, 36.2976,
-22.2530

 82.3160, 30.9032,
-18.6941

 92.9590, 25.6562,
-15.7500

■ 103.9010, 20.2618,
-12.1912

■ 114.5440, 15.0148,
-9.2471

■ 125.4860, 9.6204,
-5.6882

■ 136.1290, 4.3734,
-2.7441

Harmonies

Analogous

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



54.0470, 52.2348, -47.3992



39.1460, 52.1860, -31.7000



44.5610, 29.7964, 56.5130

Triad

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



39.1460, 52.1860, -31.7000



42.5370, -20.9707, 53.0261



46.2030, 1.8719, -40.5200

Complementary

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



39.1460, 52.1860, -31.7000



108.8540, -52.1860, 31.7000

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.



39.3290, -19.3892, -34.4915



39.1460, 52.1860, -31.7000



48.7850, -24.0510, 14.2206

Square

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



39.1460, 52.1860, -31.7000



38.5710, -19.0155, 79.3062



36.3940, -17.9422, -31.9175



52.8320, 24.7328, -46.3337

Rectangle

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



39.1460, 52.1860, -31.7000



47.0780, 12.2865, 72.7226



36.3940, -17.9422, -31.9175



44.0370, -6.4272, -38.6204

Sweetspot

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



39.1460, 52.1860, -31.7000



147.9010, 20.2618, -12.1912



98.5520, 5.6439, -83.7991



69.4580, 12.0992, -7.4177



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



39.1460, 52.1860, -31.7000



47.9610, 69.5322, -42.0618



29.6530, 56.8661, 7.3203



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



49.3340, -6.0807, 83.8991



61.6410, -8.2040, 111.6938



118.3470, -56.8661, -7.3203



66.3210, -0.1583, 4.1035



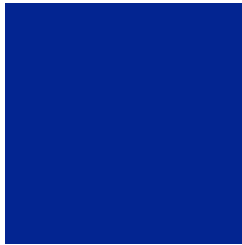
44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 39.1460, 52.1860, -31.7000 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 39.1460, 52.1860, -31.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

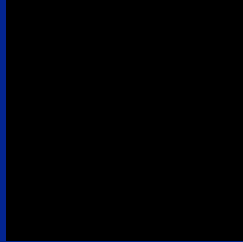
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.1460, 52.1860, -31.7000

Background



This preview shows how black text looks on a background with the YUV color 39.1460, 52.1860, -31.7000.



This preview shows how white text looks on a background with the YUV color 39.1460, 52.1860,

-31.7000.

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

39.1460, 52.1860, -31.7000

Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.0720, 24.1215, -36.8971



Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Original Color

39.1460, 52.1860, -31.7000

Protanomaly

41.0950, 39.3932, -35.1633

Deuteranomaly

41.1290, 34.4464, -35.1931

Tritanomaly

40.1370, 25.5685, -34.3231

Monochromacy



Original Color

39.1460, 52.1860, -31.7000

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9720, 19.2408, -11.3764

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.1460, 52.1860, -31.7000 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(3, 37, 145)` looks like.

```
.text, #text, p{  
    color:rgb(3, 37, 145)  
}
```

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(3, 37, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 37, 145) }
```

Border

The CSS property to change the border of an element to YUV 39.1460, 52.1860, -31.7000 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(3, 37, 145) }
```


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

```
.border{ border-color:rgb(3, 37, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 37, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 37, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 37, 145);  
box-shadow:4px 4px 4px 4px rgb(3, 37, 145)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.1460, 52.1860, -31.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 37, 145) }
```

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

```
.background{ background-color: rgb(3, 37,  
145) }
```

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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