

Converting Colors

YUV(39.7340, -19.5889,
76.5323)

Have a look what the booklet for
YUV(39.7340, -19.5889, 76.5323)
contains.

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Color

**YUV(39.7340, -19.5889,
76.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0300
RGB	127, 3, 0
RGB Percent	50%, 1%, 0%
CMY	0.5020, 0.9882, 1.0000
CMYK	0.00, 0.98, 1.00, 0.50
HSL	1°, 100%, 25%
HSV	1°, 100%, 50%
XYZ	8.7850, 4.5772, 0.4205
YIQ	39.7340, 74.8670, 25.3550

Conversions

Conversions Part 2

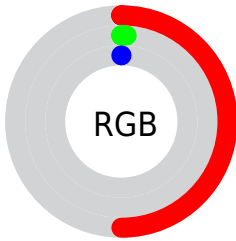
Format	Color
R_YB	127, 3, 0
Decimal	8323840
CIE Lab	25.49, 47.21, 37.94
CIE LCh	25, 60.568, 38.787
Yxy	4.5772, 0.6374, 0.3321
Android (android.graphics.Color)	4286513920 (0xFF7F0300)
YUV	39.7340, -19.5889, 76.5323
Hunter-Lab	21.3943, 35.8560, 13.8108

Details

The YUV color **39.7340, -19.5889, 76.5323** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **87.2660, 19.5889, -76.5323**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8990, -26.5722, 76.3876**, and **20.3320, -10.0237, 41.8048** is the 20% darker color. If you saturate the color by 10%, you get **39.7340, -19.5889, 76.5323**, and if you desaturate by 10%, it is **48.2600, -17.3832, 69.0550**.

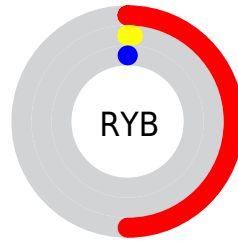
Distribution



Red (50%)

Green (1%)

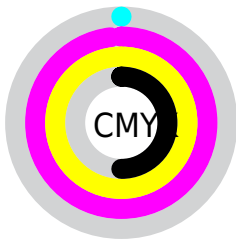
Blue (0%)



Red (50%)

Yellow (1%)

Blue (0%)

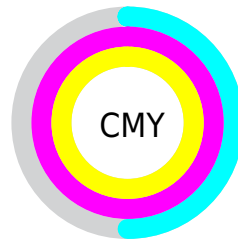


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (50%)



Cyan (50%)


Magenta (99%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 39.7340, -19.5889, 76.5323 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 39.7340, -19.5889, 76.5323 by changing the saturation by 10% instead.


 39.7340, -19.5889,
76.5323


 39.7340, -19.5889,
76.5323


 251.8080,
-12.2303, 2.7994


 29.0030, -14.2985,
59.6334

 100.8990,
-26.5722, 76.3876

 20.3320, -10.0237,
41.8048


 128.3400,
-28.7616, 78.6318

 12.3730, -5.6069,
25.1059

 156.4930,
-30.8090, 82.0056


 0.0000, 0.0000,
0.0000


 176.6870,
-28.4397, 68.6805


 196.0870,
-25.1859, 51.6667


 215.4870,


-21.9321, 34.6529


 235.7020,
-18.0941, 16.9243


 39.7340, -19.5889,
76.5323

 48.2600, -17.3832,
69.0550

 57.2590, -15.9037,
61.1629

 65.7850, -13.6980,
53.6856

 74.8980, -11.7817,
45.6935

 83.4240, -9.5760,
38.2162

■ 91.8360, -7.8071,
30.8388

■ 100.9490, -5.8909,
22.8467

■ 109.4750, -3.6852,
15.3694

■ 118.4740, -2.2057,
7.4773

Harmonies

Analogous

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



46.5490, 1.2083, 79.3255



39.7340, -19.5889, 76.5323



56.6140, -27.9107, 38.9265

Triad

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



39.7340, -19.5889, 76.5323



47.3480, -11.5106, -41.5242



54.4230, 48.5985, -47.7290

Complementary

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



39.7340, -19.5889, 76.5323



87.2660, 19.5889, -76.5323

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.



60.3100, 43.2312, -52.8919



39.7340, -19.5889, 76.5323



54.1080, 9.3138, -47.4527

Square

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



39.7340, -19.5889, 76.5323



42.2640, -20.8362, -37.0655



59.2380, 28.9697, -51.9517



59.8820, 36.0472, 11.5045

Rectangle

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



39.7340, -19.5889, 76.5323



57.0690, -28.1350, 17.4795



59.2380, 28.9697, -51.9517



57.4720, 47.5883, -50.4029

Sweetspot

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



39.7340, -19.5889, 76.5323



131.5370, -7.6597, 30.2241



52.2230, 35.8791, 65.5794



63.5570, -4.7116, 17.9285



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.



39.7340, -19.5889, 76.5323



51.9820, -25.6271, 99.9938



76.7150, -37.8205, 44.0999



59.6800, -1.3212, 3.7886



40.0330, -19.7363, 77.1471



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.2660, 19.5889, -76.5323



114.0180, 25.6271, -99.9938



50.2850, 37.8205, -44.0999



61.9070, 1.0318, -4.3034



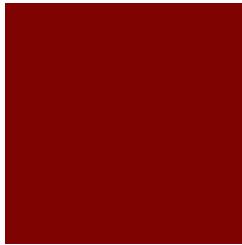
87.3800, 20.0257, -76.6323



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 39.7340, -19.5889, 76.5323 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

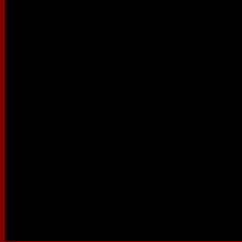
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.7340, -19.5889, 76.5323

Background



This preview shows how black text looks on a background with the YUV color 39.7340, -19.5889, 76.5323.

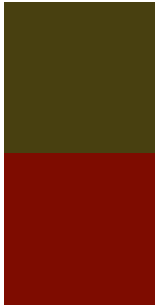


This preview shows how white text looks on a background with the YUV color 39.7340, -19.5889,

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



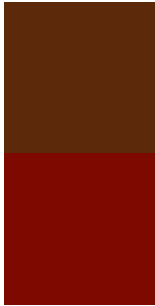
Protanopia

60.9200, -22.1456, 9.7172

Tritanopia

44.7180, -22.0460, 71.2843

Trichromacy



Protanomaly

53.3020, -21.3479, 33.9381

Tritanomaly

42.9570, -21.1778, 72.8287

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.2270, -7.5069, 27.8649

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.7340, -19.5889, 76.5323 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(127, 3, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 3, 0)  
}
```

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(127, 3, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 3, 0) }
```

Border

The CSS property to change the border of an element to YUV 39.7340, -19.5889, 76.5323 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(127, 3, 0) }
```

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

```
.border{ border-color:rgb(127, 3, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 3, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 3, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(127, 3, 0); box-shadow:4px  
4px 4px 4px rgb(127, 3, 0) }
```


Background

The CSS property to change the background color of an element to YUV 39.7340, -19.5889, 76.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 3, 0) }
```

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

```
.background{ background-color: rgb(127, 3,  
0) }
```

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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