

Converting Colors

YUV(37.5390, 9.5943, 49.5163)

Have a look what the booklet for
YUV(37.5390, 9.5943, 49.5163)
contains.

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Color

**YUV(37.5390, 9.5943,
49.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	5E0539
RGB	94, 5, 57
RGB Percent	37%, 2%, 22%
CMY	0.6314, 0.9804, 0.7765
CMYK	0.00, 0.95, 0.39, 0.63
HSL	325°, 90%, 19%
HSV	325°, 95%, 37%
XYZ	5.4089, 2.7836, 4.1231
YIQ	37.5390, 36.3520, 35.0400

Conversions

Conversions Part 2

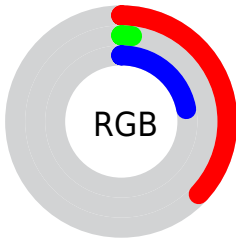
Format	Color
R_{YB}	94, 5, 57
Decimal	6161721
CIE _{Lab}	19.16, 40.79, -6.55
CIE _{LCh}	19, 41.310, 350.880
Yxy	2.7836, 0.4392, 0.2260
Android (android.graphics.Color)	4284351801 (0xFF5E0539)
YUV	37.5390, 9.5943, 49.5163
Hunter-Lab	16.6842, 28.6708, -2.9732

Details

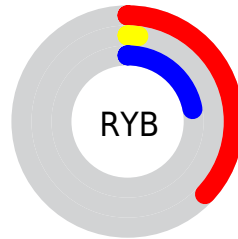
The YUV color **37.5390, 9.5943, 49.5163** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **61.4610, -9.5943, -49.5163**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5020, 5.6685, 48.6717**, and **15.3500, -0.6655, 26.8800** is the 20% darker color. If you saturate the color by 10%, you get **34.3760, 10.1676, 52.2902**, and if you desaturate by 10%, it is **43.2780, 8.7369, 44.4832**.

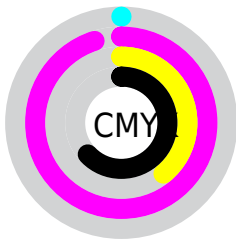
Distribution



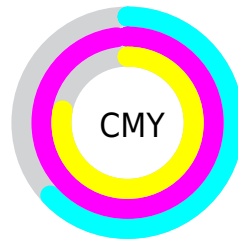
- Red (37%)
- Green (2%)
- Blue (22%)



- Red (37%)
- Yellow (2%)
- Blue (22%)



- Cyan (0%)
- Magenta (95%)
- Yellow (39%)
- Black (63%)



- Cyan (63%)
- Magenta (98%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.5390, 9.5943, 49.5163 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 37.5390, 9.5943, 49.5163 by changing the saturation by 10% instead.

37.5390, 9.5943,
49.5163

37.5390, 9.5943,
49.5163

253.8260, 0.5788,
1.0296

24.4360, 5.7011,
38.2056

92.5020, 5.6685,
48.6717

15.3500, -0.6655,
26.8800

118.9860, 4.9369,
50.0013

0.0000, 0.0000,
0.0000


145.5840, 4.6421,
51.2308


172.5950, 4.6367,
52.9752

198.1000, 5.3737,
49.9013


217.8420, 9.9379,

32.5876

 236.8030, 8.9711,
15.9588

 37.5390, 9.5943,
49.5163

 37.5390, 9.5943,
49.5163


 34.3760, 10.1676,
52.2902

 43.2780, 8.7369,
44.4832

 49.6040, 7.5902,
38.9353

 55.3430, 6.7329,
33.9022

 61.6690, 5.5862,
28.3543

 67.4080, 4.7289,
23.3212

■ 73.0330, 3.4347,
18.3881

■ 79.3590, 2.2880,
12.8402

■ 85.0980, 1.4307,
7.8071

■ 91.4240, 0.2840,
2.2592

Harmonies

Analogous

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



46.4800, 18.9904, 22.3810



37.5390, 9.5943, 49.5163



36.1900, -4.5307, 53.3304

Triad

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



37.5390, 9.5943, 49.5163



41.5980, -20.5078, -2.2784



44.6480, 23.8375, -39.1563

Complementary

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



37.5390, 9.5943, 49.5163



61.4610, -9.5943, -49.5163

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.



42.2710, 12.1914, -37.0717



37.5390, 9.5943, 49.5163



32.9860, -15.7691, -28.9287

Square

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



37.5390, 9.5943, 49.5163



44.3880, -21.8833, 18.9537



38.7370, -1.3493, -33.9723



43.3090, 31.3997, -37.9820

Rectangle

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



37.5390, 9.5943, 49.5163



39.9920, -17.7441, 44.7340



38.7370, -1.3493, -33.9723



44.3230, 20.0538, -38.8713

Sweetspot

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



37.5390, 9.5943, 49.5163



100.4460, 3.7241, 18.9029



25.9100, 33.5684, 13.2339



47.7610, 2.5828, 11.6106



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



37.5390, 9.5943, 49.5163



44.6860, 13.4658, 67.8044



32.6370, -9.1880, 53.8154



42.8370, 0.5734, 2.7740



40.1860, 11.7403, 61.2269



86.7090, 25.7795, 131.8052

Inverse Universe

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



37.5390, 9.5943, 49.5163



44.6860, 13.4658, 67.8044



66.3630, 9.1880, -53.8154



42.8370, 0.5734, 2.7740



40.1860, 11.7403, 61.2269



86.7090, 25.7795, 131.8052

Previews

White Background



This preview shows how the YUV color 37.5390, 9.5943, 49.5163 looks on a white background.

Color Contrast Check

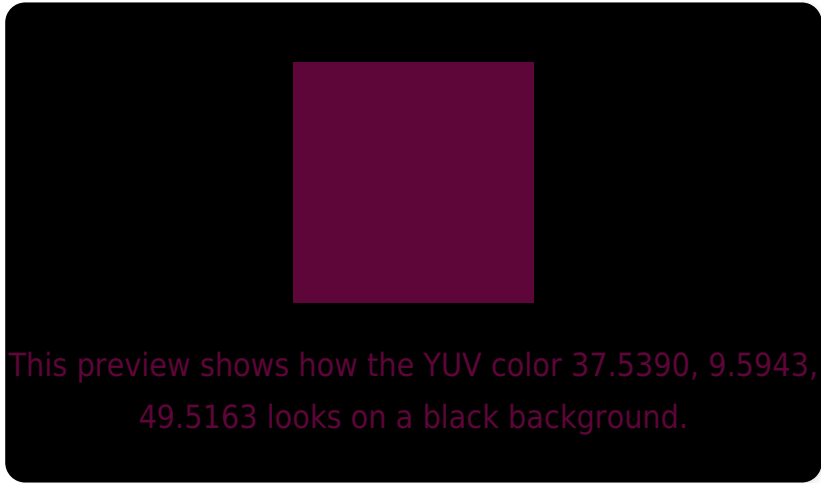
Large Text (above 18pt) WCAG AA ✓ Pass

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

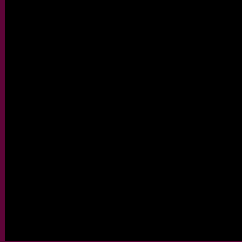
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.5390, 9.5943, 49.5163

Background



This preview shows how black text looks on a background with the YUV color 37.5390, 9.5943, 49.5163.



This preview shows how white text looks on a background with the YUV color 37.5390, 9.5943,

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

37.5390, 9.5943, 49.5163

Protanopia

49.0600, 15.7464, -10.5766

Deuteranopia

50.0650, 1.4470, 2.5740



Tritanopia

43.7450, -9.7343, 42.3196

Trichromacy



Original Color

37.5390, 9.5943, 49.5163

Protanomaly

44.9210, 13.3499, 11.4703

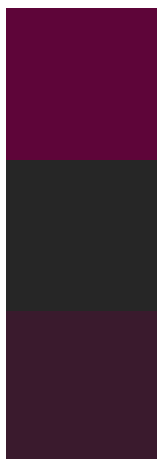
Deuteranomaly

45.2720, 4.3029, 19.9325

Tritanomaly

41.3030, -2.6144, 45.3383

Monochromacy



Original Color

37.5390, 9.5943, 49.5163

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7340, 3.5821, 17.7733

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5390, 9.5943, 49.5163 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(94, 5, 57)` looks like.

```
.text, #text, p{  
    color:rgb(94, 5, 57)  
}
```

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(94, 5, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 5, 57) }
```

Border

The CSS property to change the border of an element to YUV 37.5390, 9.5943, 49.5163 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(94, 5, 57) }
```


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

```
.border{ border-color:rgb(94, 5, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 5, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 5, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 5, 57); box-shadow:4px  
4px 4px 4px rgb(94, 5, 57) }
```

Background

The CSS property to change the background color of an element to YUV 37.5390, 9.5943, 49.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 5, 57) }
```

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

```
.background{ background-color: rgb(94, 5,  
57) }
```

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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