

Converting Colors

YUV(39.0190, 51.7556, 13.1383)

Have a look what the booklet for
YUV(39.0190, 51.7556, 13.1383)
contains.

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Color

**YUV(39.0190, 51.7556,
13.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	360B90
RGB	54, 11, 144
RGB Percent	21%, 4%, 56%
CMY	0.7882, 0.9569, 0.4353
CMYK	0.62, 0.92, 0.00, 0.44
HSL	259°, 86%, 30%
HSV	259°, 92%, 56%
XYZ	6.6750, 3.0372, 26.6200
YIQ	39.0190, -17.0650, 50.4790

Conversions

Conversions Part 2

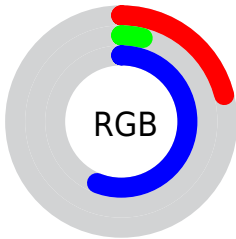
Format	Color
R _Y B	54, 11, 144
Decimal	3541904
CIE Lab	20.19, 50.29, -62.66
CIE LCh	20, 80.341, 308.749
Yxy	3.0372, 0.1837, 0.0836
Android (android.graphics.Color)	4281731984 (0xFF360B90)
YUV	39.0190, 51.7556, 13.1383
Hunter-Lab	17.4277, 37.8696, -78.3636

Details

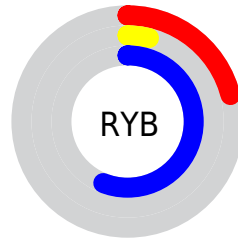
The YUV color **39.0190, 51.7556, 13.1383** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **115.9810, -51.7556, -13.1383**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0410, 51.7448, 16.6270**, and **10.4880, 40.1854, -9.1980** is the 20% darker color. If you saturate the color by 10%, you get **30.4690, 55.9708, 14.4977**, and if you desaturate by 10%, it is **50.2270, 46.2301, 12.0789**.

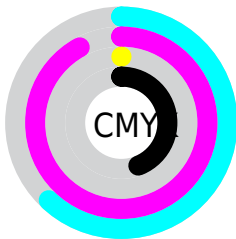
Distribution



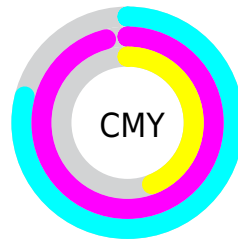
- Red (21%)
- Green (4%)
- Blue (56%)



- Red (21%)
- Yellow (4%)
- Blue (56%)



- Cyan (62%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (79%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.0190, 51.7556, 13.1383 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 39.0190, 51.7556, 13.1383 by changing the saturation by 10% instead.

■ 39.0190, 51.7556,
13.1383

■ 39.0190, 51.7556,
13.1383

■ 254.4130, 0.2894,
0.5148

■ 17.6380, 49.4785,
-3.1905

■ 94.0410, 51.7448,
16.6270

■ 10.4880, 40.1854,
-9.1980

■ 121.2800, 52.6130,
18.1714

■ 8.2250, 28.9761,
-7.2133

■ 147.7040, 52.8969,
20.4306

■ 6.7770, 18.3509,
-5.9434

■ 172.2240, 40.8086,
24.3596

■ 3.2090, 9.7570,
-2.8143


■ 197.0430, 28.5728,
28.9033


■ 0.0000, 0.0000,
0.0000


■ 220.9540, 16.7847,


29.8583


 237.3900, 8.6817,
15.4440


 39.0190, 51.7556,
13.1383


 39.0190, 51.7556,
13.1383


 30.4690, 55.9708,
14.4977

 50.2270, 46.2301,
12.0789

 61.7230, 40.5626,
9.8899

 72.9310, 35.0370,
8.8305

 84.7260, 29.2221,
7.2563

 95.9340, 23.6965,
6.1969

■ 106.8430, 18.3184,
4.5227

■ 118.6380, 12.5035,
2.9485

■ 129.8460, 6.9779,
1.8891

■ 141.6410, 1.1630,
0.3148

Harmonies

Analogous

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



51.7790, 58.7760, -45.4102



39.0190, 51.7556, 13.1383



47.9770, 22.1963, 67.5492

Triad

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



39.0190, 51.7556, 13.1383



43.0690, -21.2330, 43.7895



47.4400, 9.1501, -41.6049

Complementary

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



39.0190, 51.7556, 13.1383



115.9810, -51.7556, -13.1383

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.



38.7420, -19.0998, -33.9767



39.0190, 51.7556, 13.1383



44.5660, -21.9710, 0.3806

Square

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



39.0190, 51.7556, 13.1383



37.9730, -18.7207, 78.0767



36.3940, -17.9422, -31.9175



54.6390, 34.1950, -47.9184

Rectangle

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



39.0190, 51.7556, 13.1383



48.0160, 2.9501, 80.6700



36.3940, -17.9422, -31.9175



44.4590, 0.2667, -38.9905

Sweetspot

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



39.0190, 51.7556, 13.1383



145.0110, 20.2076, 5.2524



79.5790, 31.7596, -60.1438



68.9370, 12.3561, 3.5633



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.



39.0190, 51.7556, 13.1383



39.1440, 72.4000, 18.2907



58.7530, 42.0268, 53.7136



65.6950, 2.6154, 1.1445



28.5460, 52.4818, 13.5532



1.5100, 3.1996, 0.4297

Inverse Universe

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



61.0270, 19.7067, 72.7673



69.9780, 27.6188, 101.7513



96.2470, -42.0268, -53.7136



66.6630, 1.1521, 3.8035



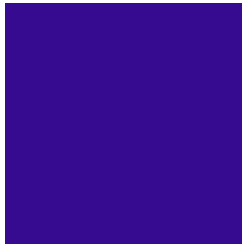
50.7390, 19.8487, 73.8969



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 39.0190, 51.7556, 13.1383 looks on a white background.

Color Contrast Check

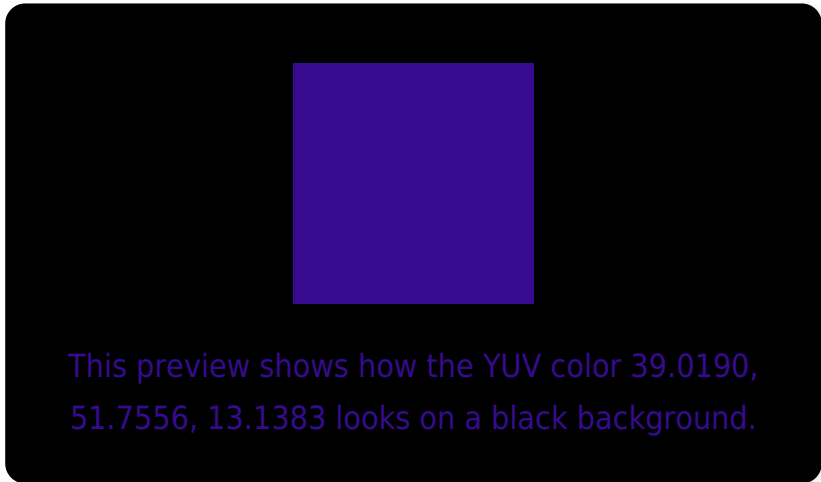
Large Text (above 18pt) WCAG AA ✓ Pass

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

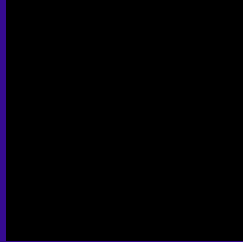
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.0190, 51.7556, 13.1383

Background



This preview shows how black text looks on a background with the YUV color 39.0190, 51.7556, 13.1383.



This preview shows how white text looks on a background with the YUV color 39.0190, 51.7556,

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

39.0190, 51.7556, 13.1383

Protanopia

40.5050, 30.8100, -35.5229

Deuteranopia

40.4420, 22.9531, -35.4676



Tritanopia

39.7120, 10.0020, -34.8274

Trichromacy



Original Color

39.0190, 51.7556, 13.1383

Protanomaly

39.9770, 38.4653, -17.5198

Deuteranomaly

40.0110, 33.5186, -17.5496

Tritanomaly

39.8340, 25.2248, -17.3944

Monochromacy



Original Color

39.0190, 51.7556, 13.1383

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9570, 18.7552, 4.4227

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.0190, 51.7556, 13.1383 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(54, 11, 144)` looks like.

```
.text, #text, p{  
    color:rgb(54, 11, 144)  
}
```

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(54, 11, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 11, 144) }
```

Border

The CSS property to change the border of an element to YUV 39.0190, 51.7556, 13.1383 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(54, 11, 144) }
```


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

```
.border{ border-color:rgb(54, 11, 144) }
```

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

Here you see how a box with a 4 pixel rgb(54, 11, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 11, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 11, 144);  
box-shadow:4px 4px 4px 4px rgb(54, 11,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 39.0190, 51.7556, 13.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 11, 144) }
```

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

```
.background{ background-color: rgb(54, 11,  
144) }
```

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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