

Converting Colors

YUV(51.9840, -19.2191, 4.3990)

Have a look what the booklet for
YUV(51.9840, -19.2191, 4.3990)
contains.

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Color

**YUV(51.9840, -19.2191,
4.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	39390D
RGB	57, 57, 13
RGB Percent	22%, 22%, 5%
CMY	0.7765, 0.7765, 0.9490
CMYK	0.00, 0.00, 0.77, 0.78
HSL	60°, 63%, 14%
HSV	60°, 77%, 22%
XYZ	3.2231, 3.8252, 0.9492
YIQ	51.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

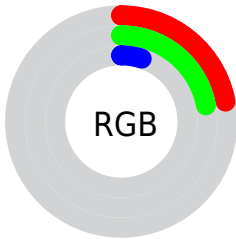
Format	Color
R_{YB}	13, 57, 13
Decimal	3750157
CIE Lab	23.08, -6.63, 26.22
CIE LCh	23, 27.049, 104.189
Yxy	3.8252, 0.4030, 0.4783
Android (android.graphics.Color)	4281940237 (0xFF39390D)
YUV	51.9840, -19.2191, 4.3990
Hunter-Lab	19.5580, -4.8102, 10.8131

Details

The YUV color **51.9840, -19.2191, 4.3990** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18.0160, 19.2191, -4.3990**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3540, -20.3875, 5.8285**, and **8.8050, -4.3409, -7.7220** is the 20% darker color. If you saturate the color by 10%, you get **51.3000, -21.8399, 4.9989**, and if you desaturate by 10%, it is **52.6680, -16.5983, 3.7992**.

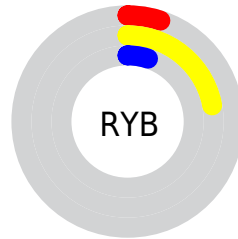
Distribution



Red (22%)

Green (22%)

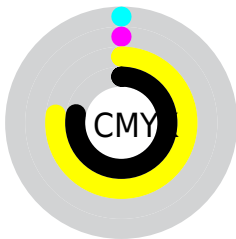
Blue (5%)



Red (5%)

Yellow (22%)

Blue (5%)

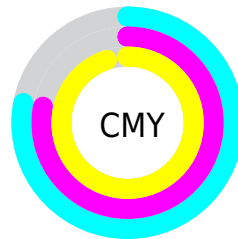


Cyan (0%)

Magenta (0%)

Yellow (77%)

Black (78%)



Cyan (78%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9840, -19.2191, 4.3990 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 51.9840, -19.2191, 4.3990 by changing the saturation by 10% instead.

■ 51.9840, -19.2191,
4.3990

■ 51.9840, -19.2191,
4.3990

■ 253.4040, -6.1152,
1.3997

■ 31.5970, -15.5773,
2.9844

■ 99.3540, -20.3875,
5.8285

■ 8.8050, -4.3409,
-7.7220

■ 124.4250,
-21.4085, 6.6433

■ 0.0000, 0.0000,
0.0000


■ 150.3110,
-21.8453, 6.7433


■ 177.0830,
-22.7189, 6.9432


■ 204.2680,
-23.3031, 7.6580


■ 232.5670,


-23.4505, 8.2727


 250.0980,
-18.7823, 4.2991


 51.9840, -19.2191,
4.3990


 51.9840, -19.2191,
4.3990


 51.3000, -21.8399,
4.9989


 52.6680, -16.5983,
3.7992


 50.7300, -24.0239,
5.4988

 53.2380, -14.4143,
3.2993

 50.5020, -24.8975,
5.6987

 53.9220, -11.7935,
2.6994

 54.6060, -9.1728,
2.0995

 55.2900, -6.5520,
1.4997

■ 55.8600, -4.3680,
0.9998

■ 56.5440, -1.7472,
0.3999

■ 57.2280, 0.8736,
-0.2000

■ 57.7980, 3.0576,
-0.6998

Harmonies

Analogous

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



53.4850, -18.9731, 18.8687



51.9840, -19.2191, 4.3990



49.4100, -12.0341, -13.5146

Triad

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



51.9840, -19.2191, 4.3990



47.0300, 17.7332, -41.2453



56.2450, 5.3022, 26.0951

Complementary

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



51.9840, -19.2191, 4.3990



18.0160, 19.2191, -4.3990

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.



57.2090, 13.2080, 10.3407



51.9840, -19.2191, 4.3990



45.9360, 23.6956, -40.2859

Square

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



51.9840, -19.2191, 4.3990



45.4510, 9.1447, -39.8605



53.1780, 20.1252, -15.0651



54.4710, -4.1762, 32.9129

Rectangle

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



51.9840, -19.2191, 4.3990



45.0750, -3.9810, -29.8838



53.1780, 20.1252, -15.0651



56.9070, 7.9338, 22.0066

Sweetspot

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



51.9840, -19.2191, 4.3990



72.0620, -7.4256, 1.6996



26.1560, -6.4859, 27.0502



36.8600, -4.3680, 0.9998



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



51.9840, -19.2191, 4.3990



66.1340, -30.1391, 6.8985



45.4060, -15.9762, -9.1261



27.6580, -1.3104, 0.2999



81.5120, -40.1854, 9.1980



194.0340, -95.6588, 21.8952

Inverse Universe

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



18.0160, 19.2191, -4.3990



12.8660, 30.1391, -6.8985



24.5940, 15.9762, 9.1261



25.3420, 1.3104, -0.2999



10.4880, 40.1854, -9.1980



24.9660, 95.6588, -21.8952

Previews

White Background



This preview shows how the YUV color 51.9840, -19.2191, 4.3990 looks on a white background.

Color Contrast Check

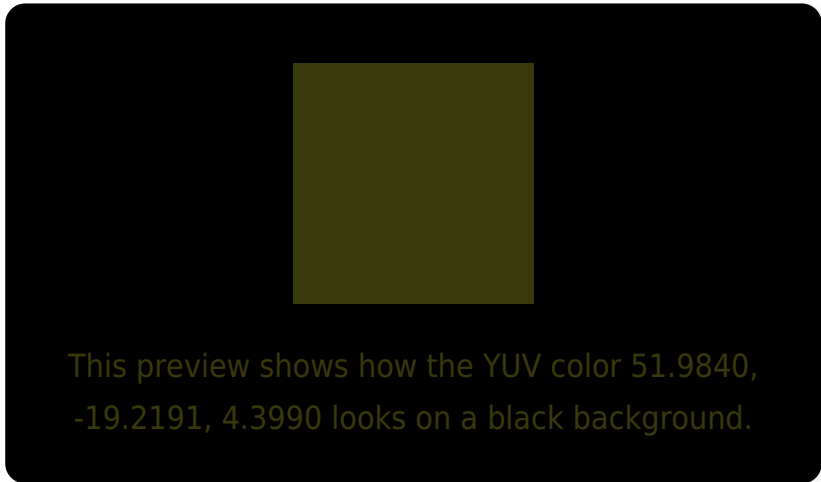
Large Text (above 18pt) WCAG AA ✓ Pass

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

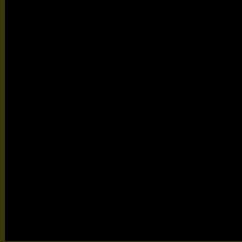
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9840, -19.2191, 4.3990

Background



This preview shows how black text looks on a background with the YUV color 51.9840, -19.2191, 4.3990.



This preview shows how white text looks on a background with the YUV color 51.9840, -19.2191,

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

51.9840, -19.2191, 4.3990

Protanopia

52.3050, -19.3774, 8.5025

Deuteranopia

52.8650, -18.6674, 14.1504



Tritanopia

55.8480, 0.5679, 4.5183

Trichromacy



Original Color

51.9840, -19.2191, 4.3990

Protanomaly

52.2940, -19.3719, 6.7582

Deuteranomaly

52.7290, -19.0934, 10.7617

Tritanomaly

54.3120, -6.5628, 4.9884

Monochromacy



Original Color

51.9840, -19.2191, 4.3990

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.1760, -6.9888, 1.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9840, -19.2191, 4.3990 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(57, 57, 13)` looks like.

```
.text, #text, p{  
    color:rgb(57, 57, 13)  
}
```

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(57, 57, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 57, 13) }
```

Border

The CSS property to change the border of an element to YUV 51.9840, -19.2191, 4.3990 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(57, 57, 13) }
```


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

```
.border{ border-color:rgb(57, 57, 13) }
```

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

Here you see how a box with a 4 pixel rgb(57, 57, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 57, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 57, 13);  
box-shadow:4px 4px 4px 4px rgb(57, 57, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.9840, -19.2191, 4.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 57, 13) }
```

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

```
.background{ background-color: rgb(57, 57,  
13) }
```

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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