

Converting Colors

YUV(39.8020, -19.6224,
40.5156)

Have a look what the booklet for
YUV(39.8020, -19.6224, 40.5156)
contains.

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Color

**YUV(39.8020, -19.6224,
40.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	561800
RGB	86, 24, 0
RGB Percent	34%, 9%, 0%
CMY	0.6627, 0.9059, 1.0000
CMYK	0.00, 0.72, 1.00, 0.66
HSL	17°, 100%, 17%
HSV	17°, 100%, 34%
XYZ	4.1644, 2.6317, 0.2885
YIQ	39.8020, 44.6560, 5.6800

Conversions

Conversions Part 2

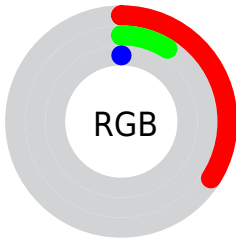
Format	Color
RYB	86, 33, 0
Decimal	5642240
CIELab	18.50, 27.54, 27.78
CIELCh	19, 39.118, 45.242
Yxy	2.6317, 0.5878, 0.3715
Android (android.graphics.Color)	4283832320 (0xFF561800)
YUV	39.8020, -19.6224, 40.5156
Hunter-Lab	16.2225, 17.4323, 10.3014

Details

The YUV color **39.8020, -19.6224, 40.5156** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **46.1980, 19.6224, -40.5156**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.1940, -20.8016, 45.4339**, and **10.5790, -4.7224, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **39.8020, -19.6224, 40.5156**, and if you desaturate by 10%, it is **44.3500, -17.4276, 36.5270**.

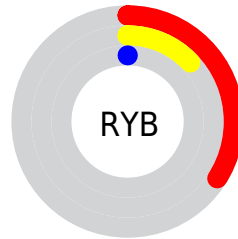
Distribution



Red (34%)

Green (9%)

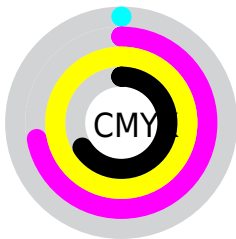
Blue (0%)



Red (34%)

Yellow (13%)

Blue (0%)

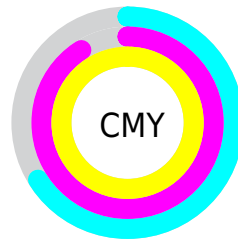


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (66%)



Cyan (66%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 39.8020, -19.6224, 40.5156 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 39.8020, -19.6224, 40.5156 by changing the saturation by 10% instead.


 39.8020, -19.6224,
40.5156


 39.8020, -19.6224,
40.5156

 251.6940,
-12.6671, 2.8994


 18.2280, -8.9864,
35.7570


 89.1940, -20.8016,
45.4339


 10.5790, -4.7224,
21.4172

 114.5750,
-21.9755, 48.6077

 0.0000, 0.0000,
0.0000


 141.2440,
-23.2913, 50.6520


 167.9130,
-24.6071, 52.6963


 194.7990,
-25.0439, 52.7963


 213.7260,


-21.0639, 36.1973


 233.8270,
-17.6627, 18.5687


 39.8020, -19.6224,
40.5156

 44.3500, -17.4276,
36.5270

 48.7840, -15.6695,
32.6384

 53.9190, -13.7641,
28.1350

 58.3530, -12.0060,
24.2464

 62.9010, -9.8112,
20.2578

■ 67.4490, -7.6164,
16.2692

■ 71.8830, -5.8583,
12.3806

■ 77.0180, -3.9529,
7.8772

■ 81.4520, -2.1948,
3.9886

Harmonies

Analogous

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



35.8630, -1.9045, 50.9861



39.8020, -19.6224, 40.5156



43.2250, -21.3099, 21.7277

Triad

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



39.8020, -19.6224, 40.5156



36.2920, -3.1020, -31.8281



37.2280, 30.9466, -32.6490

Complementary

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



39.8020, -19.6224, 40.5156



46.1980, 19.6224, -40.5156

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.



41.9240, 28.6315, -36.7673



39.8020, -19.6224, 40.5156



40.1850, 9.2758, -35.2422

Square

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



39.8020, -19.6224, 40.5156



33.1930, -16.3641, -24.7253



42.5620, 20.9219, -37.3269



45.5500, 19.4489, 15.3037

Rectangle

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



39.8020, -19.6224, 40.5156



42.5500, -20.9771, 8.2877



42.5620, 20.9219, -37.3269



39.2170, 30.9520, -34.3933

Sweetspot

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



39.8020, -19.6224, 40.5156



94.1500, -7.4690, 15.6544



32.8960, 14.8413, 46.5722



45.5020, -4.6845, 9.2067



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



39.8020, -19.6224, 40.5156



51.6850, -25.4807, 52.8963



64.4560, -31.7768, 18.8941



40.7830, -0.8790, 1.9443



49.6030, -24.4543, 50.3372



108.4200, -53.4511, 111.0107

Inverse Universe

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



46.1980, 19.6224, -40.5156



60.3150, 25.4807, -52.8963



21.5440, 31.7768, -18.8941



41.2170, 0.8790, -1.9443



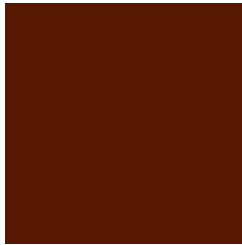
57.3970, 24.4543, -50.3372



125.9930, 53.7405, -110.4959

Previews

White Background



This preview shows how the YUV color 39.8020, -19.6224, 40.5156 looks on a white background.

Color Contrast Check

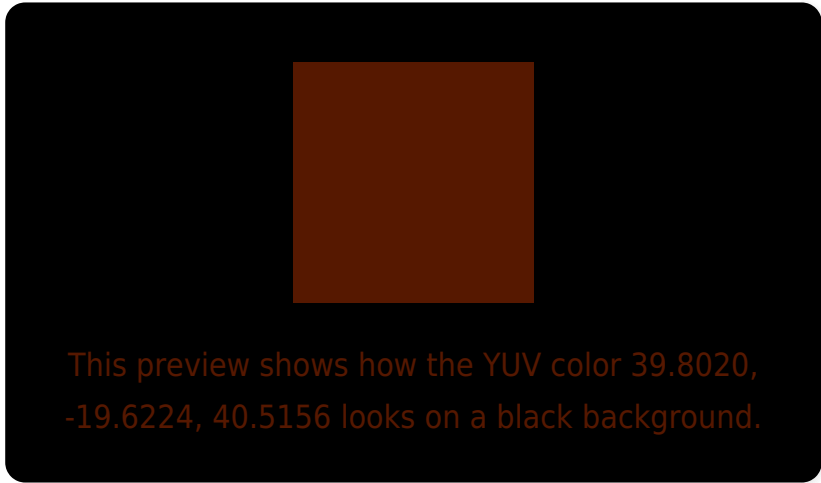
Large Text (above 18pt) WCAG AA ✓ Pass

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

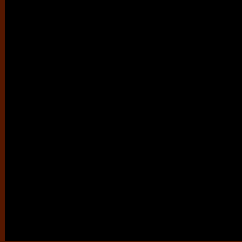
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.8020, -19.6224, 40.5156

Background



This preview shows how black text looks on a background with the YUV color 39.8020, -19.6224, 40.5156.



This preview shows how white text looks on a background with the YUV color 39.8020, -19.6224,

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

44.5760, -17.0460, 7.3878

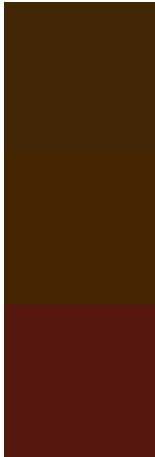
Deuteranopia

44.0560, -21.7196, 13.1059

Tritanopia

41.2500, -8.9972, 39.2458

Trichromacy



Protanomaly

43.0120, -18.2469, 19.2835

Deuteranomaly

42.3500, -20.8785, 23.3721

Tritanomaly

40.9250, -12.7810, 39.5308

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.8020, -19.6224, 40.5156 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(86, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(86, 24, 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(86, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 24, 0) }
```

Border

The CSS property to change the border of an element to YUV 39.8020, -19.6224, 40.5156 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(86, 24, 0) }
```

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

```
.border{ border-color:rgb(86, 24, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 24, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 24, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(86, 24, 0); box-shadow:4px  
4px 4px 4px rgb(86, 24, 0) }
```


Background

The CSS property to change the background color of an element to YUV 39.8020, -19.6224, 40.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 24, 0) }
```

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

```
.background{ background-color: rgb(86, 24,  
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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