

Converting Colors

YUV(81.3720, -11.0294, -9.0962)

Have a look what the booklet for
YUV(81.3720, -11.0294, -9.0962)
contains.

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Color

**YUV(81.3720, -11.0294,
-9.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	475B3B
RGB	71, 91, 59
RGB Percent	28%, 36%, 23%
CMY	0.7216, 0.6431, 0.7686
CMYK	0.22, 0.00, 0.35, 0.64
HSL	98°, 21%, 29%
HSV	98°, 35%, 36%
XYZ	7.1290, 9.1375, 5.5257
YIQ	81.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

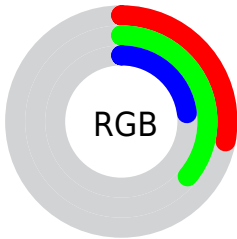
Format	Color
RYB	59, 91, 79
Decimal	4676411
CIELab	36.25, -14.34, 16.04
CIElCh	36, 21.514, 131.810
Yxy	9.1375, 0.3271, 0.4193
Android (android.graphics.Color)	4282866491 (0xFF475B3B)
YUV	81.3720, -11.0294, -9.0962
Hunter-Lab	30.2283, -10.8023, 10.3218

Details

The YUV color $[81.3720, -11.0294, -9.0962]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[68.6280, 11.0294, 9.0962]$, and the grayscale version is $[81.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[130.8450, -11.7556, -9.5111]$, and $[36.0130, -9.8664, -8.7814]$ is the 20% darker color. If you saturate the color by 10%, you get $[78.5520, -14.0761, -11.8851]$, and if you desaturate by 10%, it is $[84.1920, -7.9827, -6.3074]$.

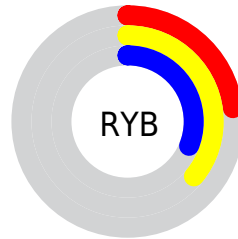
Distribution



Red (28%)

Green (36%)

Blue (23%)



Red (23%)

Yellow (36%)

Blue (31%)

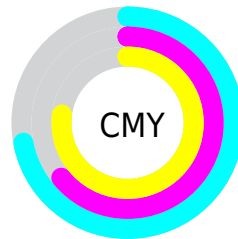


Cyan (22%)

Magenta (0%)

Yellow (35%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3720, -11.0294, -9.0962 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 81.3720, -11.0294, -9.0962 by changing the saturation by 10% instead.

81.3720, -11.0294,
-9.0962

81.3720, -11.0294,
-9.0962

255.0000, 0.0000,
0.0000

57.8990, -10.3032,
-8.6814

130.8450,
-11.7556, -9.5111

36.0130, -9.8664,
-8.7814

157.3180,
-12.4818, -9.9259

14.6750, -7.2348,
-12.8700

184.2040,
-12.9186, -9.8259

0.0000, 0.0000,
0.0000

211.7910,
-13.2080, -10.3407

239.7910,
-13.2080, -10.3407

253.4040, -6.1152,

1.3997

■ 81.3720, -11.0294,
-9.0962

■ 81.3720, -11.0294,
-9.0962

■ 78.5520, -14.0761,
-11.8851

■ 84.1920, -7.9827,
-6.3074

■ 76.0310, -17.2703,
-14.0592

■ 86.7130, -4.7885,
-4.1333

■ 73.2110, -20.3170,
-16.8480

■ 89.5330, -1.7418,
-1.3444

■ 70.3910, -23.3638,
-19.6369

■ 92.3530, 1.3050,
1.4444

■ 67.8700, -26.5579,
-21.8110

■ 94.9880, 4.9359,
3.5185

■ 64.9360, -30.0414,
-24.4999

■ 97.8080, 7.9827,
6.3074

■ 63.5830, -31.3464,
-25.9443

■ 100.6280, 11.0294,
9.0962

■ 103.4480, 14.0761,
11.8851

■ 105.9690, 17.2703,
14.0592

Harmonies

Analogous

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



83.2060, -15.8776, 5.9583



81.3720, -11.0294, -9.0962



78.5640, -2.2501, -25.0506

Triad

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



81.3720, -11.0294, -9.0962



79.4380, 19.0111, -31.0791



86.8510, -3.8705, 28.1947

Complementary

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



81.3720, -11.0294, -9.0962



68.6280, 11.0294, 9.0962

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.



87.2830, 4.2975, 21.6768



81.3720, -11.0294, -9.0962



84.9890, 16.7674, -11.3914

Square

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



81.3720, -11.0294, -9.0962



73.4810, 17.0179, -45.1488



87.1440, 11.7610, 7.7667



85.8910, -11.2853, 26.4056

Rectangle

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



81.3720, -11.0294, -9.0962



76.0340, 4.9132, -35.9868



87.1440, 11.7610, 7.7667



87.2360, -1.1023, 26.9800

Sweetspot

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



81.3720, -11.0294, -9.0962



113.1260, -4.4991, -3.6185



80.3080, -10.5048, 9.3769



56.5930, -2.7573, -2.2741



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



81.3720, -11.0294, -9.0962



102.4440, -16.9809, -13.5444



78.2400, -7.5133, -16.8735



44.5330, -1.7418, -1.3444



76.8290, -37.8767, -31.4220



165.7300, -81.7049, -67.2922

Inverse Universe

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



68.6280, 11.0294, 9.0962



82.8550, 16.8335, 14.1592



71.7600, 7.5133, 16.8735



42.4670, 1.7418, 1.3444



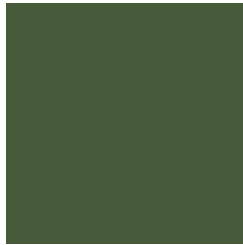
33.1710, 37.8767, 31.4220



71.2700, 81.7049, 67.2922

Previews

White Background



This preview shows how the YUV color 81.3720, -11.0294, -9.0962 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



This preview shows how the YUV color 81.3720, -11.0294, -9.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

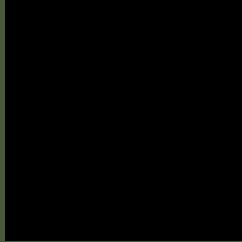
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3720, -11.0294, -9.0962

Background



This preview shows how black text looks on a background with the YUV color 81.3720, -11.0294, -9.0962.



This preview shows how white text looks on a background with the YUV color 81.3720, -11.0294, -9.0962.

-9.0962.

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

81.3720, -11.0294, -9.0962

Protanopia

83.9010, -13.2622, 7.1028

Deuteranopia

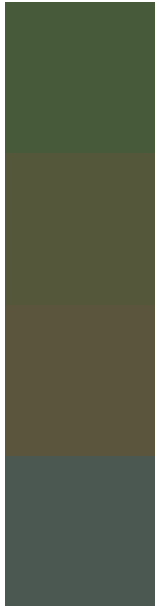
84.7000, -11.6841, 14.2951



Tritanopia

84.5090, 4.6791, -7.4624

Trichromacy



Original Color

81.3720, -11.0294, -9.0962

Protanomaly

82.7970, -12.2249, 1.0550

Deuteranomaly

83.6450, -11.6570, 5.5733

Tritanomaly

83.0160, -0.9939, -7.9070

Monochromacy



Original Color

81.3720, -11.0294, -9.0962

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2400, -4.0623, -3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3720, -11.0294, -9.0962 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(71, 91, 59)` looks like.

```
.text, #text, p{  
    color:rgb(71, 91, 59)  
}
```

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(71, 91, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 91, 59) }
```

Border

The CSS property to change the border of an element to YUV 81.3720, -11.0294, -9.0962 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(71, 91, 59) }
```


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

```
.border{ border-color:rgb(71, 91, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 91, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 91, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 91, 59);  
box-shadow:4px 4px 4px 4px rgb(71, 91, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3720, -11.0294, -9.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 91, 59) }
```

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

```
.background{ background-color: rgb(71, 91,  
59) }
```

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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