

Converting Colors

YUV(79.9470, -9.8339, -19.2475)

Have a look what the booklet for
YUV(79.9470, -9.8339, -19.2475)
contains.

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Color

**YUV(79.9470, -9.8339,
-19.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5F3C
RGB	58, 95, 60
RGB Percent	23%, 37%, 24%
CMY	0.7725, 0.6275, 0.7647
CMYK	0.39, 0.00, 0.37, 0.63
HSL	123°, 24%, 30%
HSV	123°, 39%, 37%
XYZ	6.6527, 9.4102, 5.7407
YIQ	79.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

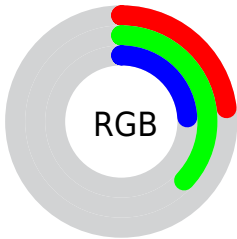
Format	Color
RYB	58, 93, 95
Decimal	3825468
CIELab	36.76, -21.37, 15.97
CIElCh	37, 26.677, 143.215
Yxy	9.4102, 0.3051, 0.4316
Android (android.graphics.Color)	4282015548 (0xFF3A5F3C)
YUV	79.9470, -9.8339, -19.2475
Hunter-Lab	30.6761, -14.9716, 10.3778

Details

The YUV color **79.9470, -9.8339, -19.2475** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.0530, 9.8339, 19.2475**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0070, -10.8495, -20.1771**, and **33.4030, -8.0867, -19.6474** is the 20% darker color. If you saturate the color by 10%, you get **75.9310, -12.2910, -24.4955**, and if you desaturate by 10%, it is **83.9630, -7.3768, -13.9996**.

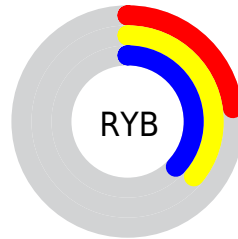
Distribution



Red (23%)

Green (37%)

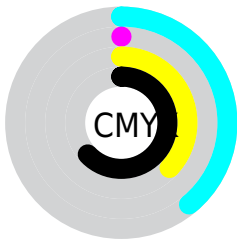
Blue (24%)



Red (23%)

Yellow (36%)

Blue (37%)

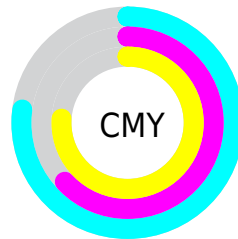


Cyan (39%)

Magenta (0%)

Yellow (37%)

Black (63%)



Cyan (77%)

Magenta (63%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.9470, -9.8339, -19.2475 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 79.9470, -9.8339, -19.2475 by changing the saturation by 10% instead.

■ 79.9470, -9.8339,
-19.2475

■ 79.9470, -9.8339,
-19.2475

255.0000, 0.0000,
0.0000

■ 56.4740, -9.1077,
-18.8327

■ 130.0070,
-10.8495, -20.1771

■ 33.4030, -8.0867,
-19.6474

■ 155.8930,
-11.2862, -20.0772

■ 17.0230, -8.3923,
-14.9292

■ 183.0670,
-11.8650, -21.1068

■ 0.0000, 0.0000,
0.0000

■ 210.6540,
-12.1544, -21.6216

■ 238.0670,
-11.8650, -21.1068

■ 249.9300, -3.9095,

-6.0776

■ 79.9470, -9.8339,
-19.2475

■ 79.9470, -9.8339,
-19.2475

■ 75.9310, -12.2910,
-24.4955

■ 83.9630, -7.3768,
-13.9996

■ 72.2140, -14.8955,
-29.1287

■ 87.6800, -4.7722,
-9.3664

■ 68.1980, -17.3526,
-34.3766

■ 91.3970, -2.1677,
-4.7332

■ 64.4810, -19.9571,
-39.0098

■ 95.4130, 0.2894,
0.5148

■ 60.7640, -22.5617,
-43.6430

■ 99.4290, 2.7465,
5.7628

■ 56.7480, -25.0188,
-48.8910

■ 103.1460, 5.3510,
10.3960

■ 56.3350, -25.3082,
-49.4058

■ 106.8630, 7.9555,
15.0291

■ 110.8790, 10.4127,
20.2771

■ 114.8950, 12.8698,
25.5251

Harmonies

Analogous

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



82.8910, -18.1873, 0.0956



79.9470, -9.8339, -19.2475



73.3490, 3.7719, -43.2791

Triad

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



79.9470, -9.8339, -19.2475



80.0940, 24.1107, -33.4084



87.4560, -8.1128, 35.5571

Complementary

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



79.9470, -9.8339, -19.2475



73.0530, 9.8339, 19.2475

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.



88.6540, 1.6496, 30.9984



79.9470, -9.8339, -19.2475



87.3040, 19.0771, -5.5286

Square

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



79.9470, -9.8339, -19.2475



69.4450, 24.9236, -60.9033



89.3840, 11.1497, 17.2032



86.5340, -16.5323, 29.3497

Rectangle

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



79.9470, -9.8339, -19.2475



68.4700, 13.5723, -60.0482



89.3840, 11.1497, 17.2032



87.6670, -4.7658, 35.3720

Sweetspot

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



79.9470, -9.8339, -19.2475



116.3320, -3.6147, -7.3072



90.1840, -15.8667, 2.4696



57.6960, -2.3151, -4.1184



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.



79.9470, -9.8339, -19.2475



98.8010, -15.1849, -29.6435



81.9990, -1.9715, -21.0471



46.3480, -1.1576, -2.0592



66.4280, -29.7910, -58.2574



142.3620, -63.7755, -124.8515

Inverse Universe

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



73.0530, 9.8339, 19.2475



88.1990, 15.1849, 29.6435



71.0010, 1.9715, 21.0471



45.6520, 1.1576, 2.0592



45.5720, 29.7910, 58.2574



97.6380, 63.7755, 124.8515

Previews

White Background



This preview shows how the YUV color 79.9470, -9.8339, -19.2475 looks on a white background.

Color Contrast Check

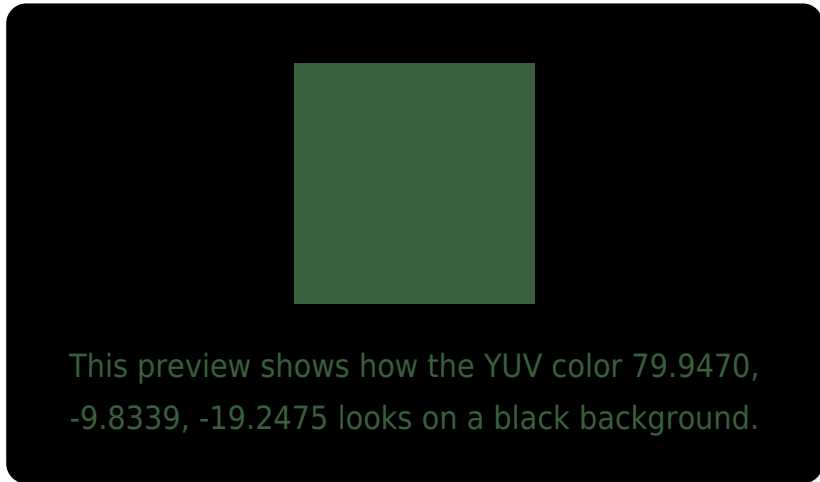
Large Text (above 18pt) WCAG AA ✓ Pass

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

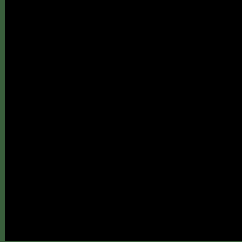
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.9470, -9.8339, -19.2475

Background



This preview shows how black text looks on a background with the YUV color 79.9470, -9.8339, -19.2475.



This preview shows how white text looks on a background with the YUV color 79.9470, -9.8339,

-19.2475.

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

79.9470, -9.8339, -19.2475

Protanopia

84.9720, -14.2832, 7.9176

Deuteranopia

86.4010, -11.5367, 13.6803



Tritanopia

83.4370, 7.1796, -16.1692

Trichromacy



Original Color

79.9470, -9.8339, -19.2475

Protanomaly

82.9600, -12.7983, -1.7189

Deuteranomaly

83.8510, -10.7725, 1.8847

Tritanomaly

82.1180, 0.9278, -17.6435

Monochromacy



Original Color

79.9470, -9.8339, -19.2475

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.9470, -9.8339, -19.2475 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(58, 95, 60)` looks like.

```
.text, #text, p{  
    color:rgb(58, 95, 60)  
}
```

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(58, 95, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 95, 60) }
```

Border

The CSS property to change the border of an element to YUV 79.9470, -9.8339, -19.2475 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(58, 95, 60) }
```


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

```
.border{ border-color:rgb(58, 95, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 95, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 95, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 95, 60);  
box-shadow:4px 4px 4px 4px rgb(58, 95, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.9470, -9.8339, -19.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 95, 60) }
```

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

```
.background{ background-color: rgb(58, 95,  
60) }
```

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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