

Converting Colors

YUV(63.2470, -11.4608,
-10.7406)

Have a look what the booklet for
YUV(63.2470, -11.4608, -10.7406)
contains.

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Color

**YUV(63.2470, -11.4608,
-10.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	334A28
RGB	51, 74, 40
RGB Percent	20%, 29%, 16%
CMY	0.8000, 0.7098, 0.8431
CMYK	0.31, 0.00, 0.46, 0.71
HSL	101°, 30%, 22%
HSV	101°, 46%, 29%
XYZ	4.1970, 5.7546, 2.8970
YIQ	63.2470, -2.7940, -15.4500

Conversions

Conversions Part 2

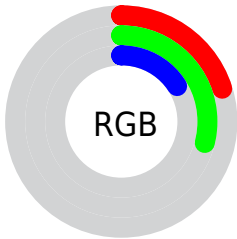
Format	Color
RYB	40, 74, 63
Decimal	3361320
CIELab	28.78, -16.31, 17.51
CIELCh	29, 23.927, 132.971
Yxy	5.7546, 0.3267, 0.4479
Android (android.graphics.Color)	4281551400 (0xFF334A28)
YUV	63.2470, -11.4608, -10.7406
Hunter-Lab	23.9887, -10.7501, 9.6319

Details

The YUV color **63.2470, -11.4608, -10.7406** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **50.7530, 11.4608, 10.7406**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3070, -12.4764, -11.6702**, and **19.7030, -9.7136, -11.1405** is the 20% darker color. If you saturate the color by 10%, you get **60.9540, -13.7813, -13.1147**, and if you desaturate by 10%, it is **65.5400, -9.1402, -8.3666**.

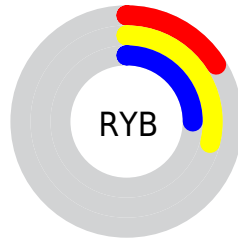
Distribution



Red (20%)

Green (29%)

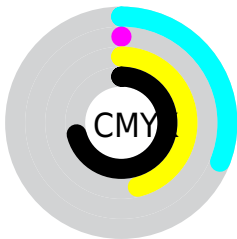
Blue (16%)



Red (16%)

Yellow (29%)

Blue (25%)

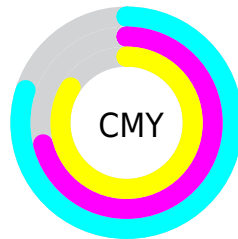


Cyan (31%)

Magenta (0%)

Yellow (46%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2470, -11.4608, -10.7406 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 63.2470, -11.4608, -10.7406 by changing the saturation by 10% instead.

■ 63.2470, -11.4608,
-10.7406

■ 63.2470, -11.4608,
-10.7406

255.0000, 0.0000,
0.0000

■ 40.7740, -10.7346,
-10.3258

■ 111.3070,
-12.4764, -11.6702

■ 19.7030, -9.7136,
-11.1405

■ 137.0790,
-13.3499, -11.4703

■ 0.0000, 0.0000,
0.0000

■ 163.0790,
-13.3499, -11.4703

■ 190.5520,
-14.0761, -11.8851

■ 218.1390,
-14.3655, -12.3999

■ 244.0900,

-13.3554, -9.7259

253.8600, -4.3680,
0.9998

63.2470, -11.4608,
-10.7406

63.2470, -11.4608,
-10.7406

60.9540, -13.7813,
-13.1147

65.5400, -9.1402,
-8.3666

58.5470, -16.5387,
-15.3887

67.9470, -6.3829,
-6.0925

56.2540, -18.8592,
-17.7628

70.2400, -4.0623,
-3.7185

53.8470, -21.6166,
-20.0368

72.6470, -1.3050,
-1.4444

51.5540, -23.9371,
-22.4109

74.9400, 1.0156,
0.9296

■ 50.6140, -24.9527,
-23.3405

■ 77.2330, 3.3361,
3.3037

■ 79.6400, 6.0935,
5.5777

■ 81.9330, 8.4140,
7.9518

■ 84.3400, 11.1714,
10.2258

Harmonies

Analogous

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



65.2660, -16.8931, 5.0287



63.2470, -11.4608, -10.7406



59.0580, -1.5076, -29.8689

Triad

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



63.2470, -11.4608, -10.7406



56.6860, 22.8328, -43.5746



68.7480, -4.3128, 30.0390

Complementary

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



63.2470, -11.4608, -10.7406



50.7530, 11.4608, 10.7406

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.



69.7070, 4.5814, 23.9360



63.2470, -11.4608, -10.7406



67.0320, 18.2252, -12.3061

Square

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



63.2470, -11.4608, -10.7406



55.1000, 18.1917, -48.3227



69.9700, 12.3398, 8.7963



68.3750, -12.0169, 27.7351

Rectangle

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



63.2470, -11.4608, -10.7406



53.0650, 7.8560, -46.5380



69.9700, 12.3398, 8.7963



69.2470, -1.1078, 28.7244

Sweetspot

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



63.2470, -11.4608, -10.7406



92.7130, -4.7885, -4.1333



63.6670, -11.6678, 9.0620



45.5930, -2.7573, -2.2741



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



63.2470, -11.4608, -10.7406



80.1940, -17.8436, -16.8331



60.6420, -7.2185, -18.1030



36.9460, -1.4524, -0.8296



69.7410, -34.3823, -32.2219



157.1360, -77.4680, -72.9103

Inverse Universe

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



50.7530, 11.4608, 10.7406



60.8060, 17.8436, 16.8331



53.3580, 7.2185, 18.1030



35.3530, 1.3050, 1.4444



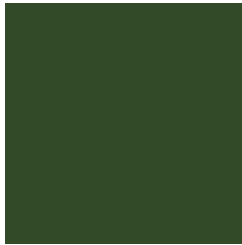
32.2590, 34.3823, 32.2219



72.5650, 77.6155, 72.2955

Previews

White Background



This preview shows how the YUV color 63.2470, -11.4608, -10.7406 looks on a white background.

Color Contrast Check

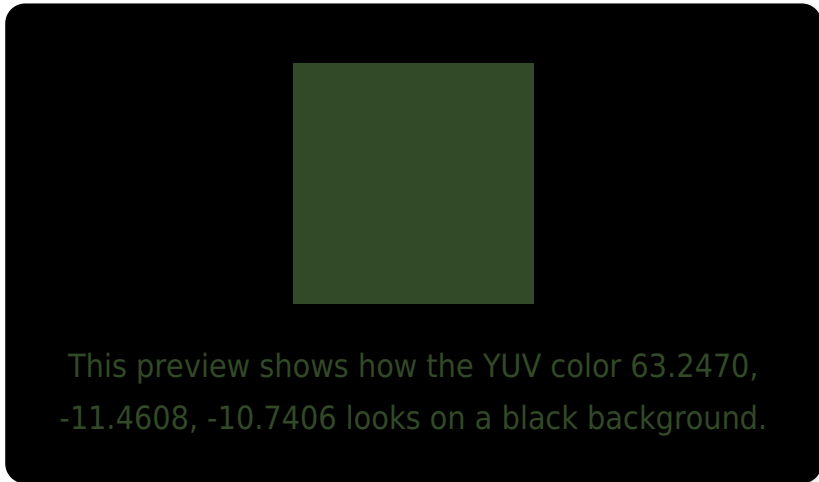
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.2470, -11.4608, -10.7406

Background



This preview shows how black text looks on a background with the YUV color 63.2470, -11.4608, -10.7406.



This preview shows how white text looks on a background with the YUV color 63.2470, -11.4608, -10.7406.

-10.7406.

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

63.2470, -11.4608, -10.7406

Protanopia

66.3740, -13.9884, 6.6880

Deuteranopia

67.4610, -12.5523, 12.7507



Tritanopia

66.7970, 4.5371, -8.5920

Trichromacy



Original Color

63.2470, -11.4608, -10.7406

Protanomaly

65.2700, -12.9511, 0.6402

Deuteranomaly

65.8190, -12.2358, 4.5437

Tritanomaly

65.3040, -1.1359, -9.0366

Monochromacy



Original Color

63.2470, -11.4608, -10.7406

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2400, -4.0623, -3.7185

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2470, -11.4608, -10.7406 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(51, 74, 40)` looks like.

```
.text, #text, p{  
    color:rgb(51, 74, 40)  
}
```

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(51, 74, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 74, 40) }
```

Border

The CSS property to change the border of an element to YUV 63.2470, -11.4608, -10.7406 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(51, 74, 40) }
```


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

```
.border{ border-color:rgb(51, 74, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 74, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 74, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 74, 40);  
box-shadow:4px 4px 4px 4px rgb(51, 74, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.2470, -11.4608, -10.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 74, 40) }
```

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

```
.background{ background-color: rgb(51, 74,  
40) }
```

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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