

Converting Colors

YUV(67.4510, -0.7153, -3.9035)

Have a look what the booklet for
YUV(67.4510, -0.7153, -3.9035)
contains.

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Color

**YUV(67.4510, -0.7153,
-3.9035)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4642
RGB	63, 70, 66
RGB Percent	25%, 27%, 26%
CMY	0.7529, 0.7255, 0.7412
CMYK	0.10, 0.00, 0.06, 0.73
HSL	146°, 5%, 26%
HSV	146°, 10%, 27%
XYZ	5.2234, 5.8304, 6.0043
YIQ	67.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

Format	Color
RYB	63, 68, 70
Decimal	4146754
CIELab	28.98, -3.78, 1.43
CIELCh	29, 4.045, 159.341
Yxy	5.8304, 0.3062, 0.3418
Android (android.graphics.Color)	4282336834 (0xFF3F4642)
YUV	67.4510, -0.7153, -3.9035
Hunter-Lab	24.1463, -3.6421, 2.1590

Details

The YUV color **67.4510, -0.7153, -3.9035** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.5490, 0.7153, 3.9035**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4510, -0.7153, -3.9035**, and **24.7500, -0.8628, -3.2887** is the 20% darker color. If you saturate the color by 10%, you get **64.9020, -1.4307, -7.8071**, and if you desaturate by 10%, it is **70.0000, 0.0000, 0.0000**.

Distribution



Red (25%)

Green (27%)

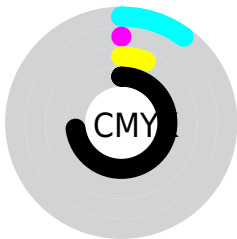
Blue (26%)



Red (25%)

Yellow (27%)

Blue (27%)



Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.4510, -0.7153, -3.9035 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 67.4510, -0.7153, -3.9035 by changing the saturation by 10% instead.

■ 67.4510, -0.7153,
-3.9035

■ 67.4510, -0.7153,
-3.9035

■ 255.0000, 0.0000,
0.0000

■ 45.4510, -0.7153,
-3.9035

■ 115.4510, -0.7153,
-3.9035

■ 24.7500, -0.8628,
-3.2887

■ 141.0380, -1.0047,
-4.4183

■ 0.0000, 0.0000,
0.0000

■ 167.1520, -0.5679,
-4.5183

■ 194.7390, -0.8573,
-5.0331

■ 222.7390, -0.8573,
-5.0331

■ 250.7390, -0.8573,

-5.0331

■ 67.4510, -0.7153,
-3.9035

■ 67.4510, -0.7153,
-3.9035

■ 64.9020, -1.4307,
-7.8071

■ 70.0000, 0.0000,
0.0000

■ 62.3530, -2.1460,
-11.7106

■ 72.5490, 0.7153,
3.9035

■ 59.8040, -2.8614,
-15.6141

■ 75.0980, 1.4307,
7.8071

■ 57.2550, -3.5767,
-19.5176

■ 77.6470, 2.1460,
11.7106

■ 54.7060, -4.2921,
-23.4212

■ 80.1960, 2.8614,
15.6141

■ 52.1570, -5.0074,
-27.3247

■ 82.7450, 3.5767,
19.5176

■ 49.6080, -5.7227,
-31.2282

■ 85.2940, 4.2921,
23.4212

■ 47.0590, -6.4381,
-35.1317

■ 87.8430, 5.0074,
27.3247

■ 44.5100, -7.1534,
-39.0353

■ 90.3920, 5.7227,
31.2282

Harmonies

Analogous

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



67.4190, -2.1786, -1.2445



67.4510, -0.7153, -3.9035



67.1950, 0.8899, -5.4330

Triad

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



67.4510, -0.7153, -3.9035



68.0860, 2.9156, -1.8294



69.0500, -2.4897, 5.2181

Complementary

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



67.4510, -0.7153, -3.9035



65.5490, 0.7153, 3.9035

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.



68.8050, -0.8899, 5.4330



67.4510, -0.7153, -3.9035



68.5810, 2.1786, 1.2445

Square

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



67.4510, -0.7153, -3.9035



67.7760, 3.0684, -4.1886



68.6630, 1.1521, 3.8035



68.3380, -2.6316, 4.0886

Rectangle

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



67.4510, -0.7153, -3.9035



67.4230, 1.7635, -5.6330



68.6630, 1.1521, 3.8035



68.5770, -1.7635, 5.6330

Sweetspot

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



67.4510, -0.7153, -3.9035



90.8750, -0.4314, -1.6444



68.3050, -2.6154, -1.1445



45.2880, -0.1420, -1.1296



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



67.4510, -0.7153, -3.9035



88.0270, -0.9993, -6.1627



67.7930, 0.5951, -4.2035



34.5760, -0.2840, -2.2592



63.0150, -9.8674, -55.2642



144.3070, -23.3224, -126.5572

Inverse Universe

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



65.5490, 0.7153, 3.9035



84.9730, 0.9993, 6.1627



65.2070, -0.5951, 4.2035



33.4240, 0.2840, 2.2592



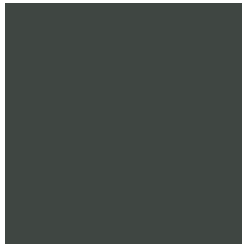
36.0990, 10.3042, 55.1642



82.6930, 23.3224, 126.5572

Previews

White Background



This preview shows how the YUV color 67.4510, -0.7153, -3.9035 looks on a white background.

Color Contrast Check

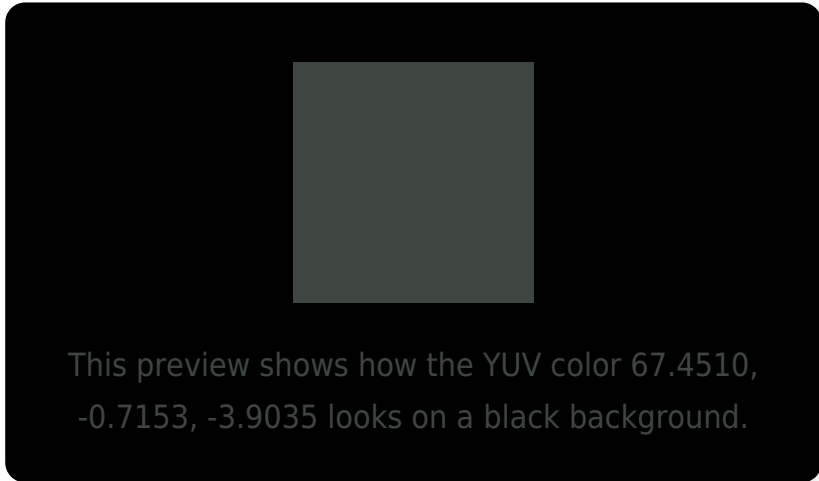
Large Text (above 18pt) WCAG AA ✓ Pass

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

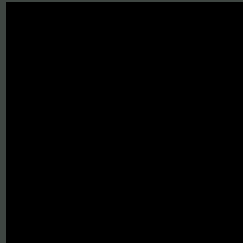
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4510, -0.7153, -3.9035

Background



This preview shows how black text looks on a background with the YUV color 67.4510, -0.7153, -3.9035.



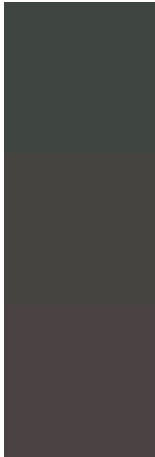
This preview shows how white text looks on a background with the YUV color 67.4510, -0.7153,

-3.9035.

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

67.4510, -0.7153, -3.9035

Protanopia

68.2560, -1.6052, 1.5295

Deuteranopia

68.8050, -0.8899, 5.4330



Tritanopia

68.0750, 2.9210, -3.5738

Trichromacy



Original Color

67.4510, -0.7153, -3.9035

Protanomaly

67.9460, -1.4524, -0.8296

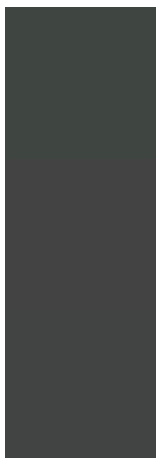
Deuteranomaly

68.1960, -0.5896, 2.4591

Tritanomaly

67.7330, 1.6106, -3.2738

Monochromacy



Original Color

67.4510, -0.7153, -3.9035

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2880, -0.1420, -1.1296

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4510, -0.7153, -3.9035 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(63, 70, 66)` looks like.

```
.text, #text, p{  
    color:rgb(63, 70, 66)  
}
```

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(63, 70, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 70, 66) }
```

Border

The CSS property to change the border of an element to YUV 67.4510, -0.7153, -3.9035 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(63, 70, 66) }
```


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

```
.border{ border-color:rgb(63, 70, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 70, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 70, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 70, 66);  
box-shadow:4px 4px 4px 4px rgb(63, 70, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.4510, -0.7153, -3.9035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 70, 66) }
```

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

```
.background{ background-color: rgb(63, 70,  
66) }
```

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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