

Converting Colors

YUV(95.0510, -7.4201, -0.0447)

Have a look what the booklet for
YUV(95.0510, -7.4201, -0.0447)
contains.

YUV(95.0510, -7.4201, -0.0447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.0510, -7.4201,
-0.0447)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6250
RGB	95, 98, 80
RGB Percent	37%, 38%, 31%
CMY	0.6275, 0.6157, 0.6863
CMYK	0.03, 0.00, 0.18, 0.62
HSL	70°, 10%, 35%
HSV	70°, 18%, 38%
XYZ	10.5350, 11.7474, 9.3016
YIQ	95.0510, 3.9900, -6.2340

Conversions

Conversions Part 2

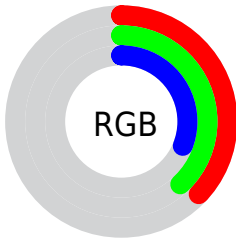
Format	Color
RYB	80, 98, 83
Decimal	6251088
CIELab	40.81, -4.70, 9.87
CIELCh	41, 10.930, 115.468
Yxy	11.7474, 0.3336, 0.3719
Android (android.graphics.Color)	4284441168 (0xFF5F6250)
YUV	95.0510, -7.4201, -0.0447
Hunter-Lab	34.2746, -5.1149, 7.9017

Details

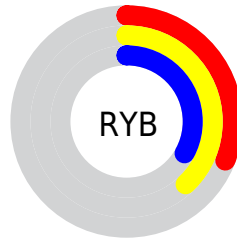
The YUV color **95.0510, -7.4201, -0.0447** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.9490, 7.4201, 0.0447**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8230, -8.2937, 0.1552**, and **49.1650, -6.9833, -0.1447** is the 20% darker color. If you saturate the color by 10%, you get **93.3130, -11.4933, -0.2745**, and if you desaturate by 10%, it is **96.7890, -3.3470, 0.1850**.

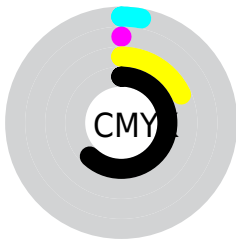
Distribution



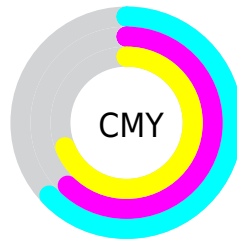
- Red (37%)
- Green (38%)
- Blue (31%)



- Red (31%)
- Yellow (38%)
- Blue (33%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (62%)



- Cyan (63%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0510, -7.4201, -0.0447 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 95.0510, -7.4201, -0.0447 by changing the saturation by 10% instead.

■ 95.0510, -7.4201,
-0.0447

■ 95.0510, -7.4201,
-0.0447

■ 255.0000, 0.0000,
0.0000

■ 71.1650, -6.9833,
-0.1447

■ 145.8230, -8.2937,
0.1552

■ 49.1650, -6.9833,
-0.1447

■ 171.8230, -8.2937,
0.1552

■ 28.1650, -6.9833,
-0.1447

■ 199.4100, -8.5831,
-0.3596

■ 3.5220, -1.7363,
-3.0888

■ 227.7090, -8.7305,
0.2552

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,
1.6996

■ 95.0510, -7.4201,
-0.0447

■ 95.0510, -7.4201,
-0.0447

■ 93.3130, -11.4933,
-0.2745

■ 96.7890, -3.3470,
0.1850

■ 91.8740, -15.7139,
0.1105

■ 98.2280, 0.8736,
-0.2000

■ 90.2500, -19.3502,
-0.2193

■ 99.8520, 4.5100,
0.1298

■ 88.5120, -23.4234,
-0.4490

■ 101.5900, 8.5831,
0.3596

■ 87.0730, -27.6440,
-0.0640

■ 103.0290, 12.8037,
-0.0254

■ 85.3350, -31.7172,
-0.2938

■ 104.7670, 16.8769,
0.2043

■ 83.8960, -35.9377,
0.0912

■ 106.2060, 21.0974,
-0.1807

■ 82.2720, -39.5741,

■ 107.8300, 24.7338,

-0.2385

0.1491

■ 82.0440, -40.4477,
-0.0386

■ 109.5680, 28.8070,
0.3789

Harmonies

Analogous

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



96.1660, -8.4628, 7.7474



95.0510, -7.4201, -0.0447



93.9190, -3.9041, -7.8220

Triad

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



95.0510, -7.4201, -0.0447



94.0780, 8.3425, -15.8544



97.7890, 0.1040, 13.3400

Complementary

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



95.0510, -7.4201, -0.0447



82.9490, 7.4201, 0.0447

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.



98.0810, 3.9041, 7.8220



95.0510, -7.4201, -0.0447



95.3500, 9.1945, -9.0769

Square

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



95.0510, -7.4201, -0.0447



92.9700, 5.4378, -17.5137



96.6500, 7.5675, -0.5701



97.3610, -4.1220, 15.4694

Rectangle

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



95.0510, -7.4201, -0.0447



93.2820, -1.1250, -12.5253



96.6500, 7.5675, -0.5701



97.8320, 1.5618, 12.4253

Sweetspot

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



95.0510, -7.4201, -0.0447



126.4900, -3.1996, -0.4297



87.1430, -3.5215, 9.5216



63.1310, -2.0366, -0.1149



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



95.0510, -7.4201, -0.0447



123.1990, -11.9301, -0.1745



92.3600, -6.0935, -5.5777



47.5440, -1.7472, 0.3999



93.5510, -46.1206, -0.4832



200.6800, -98.9352, -0.5964

Inverse Universe

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



82.9490, 7.4201, 0.0447



103.8010, 11.9301, 0.1745



85.6400, 6.0935, 5.5777



44.4560, 1.7472, -0.3999



18.4490, 46.1206, 0.4832



39.3200, 98.9352, 0.5964

Previews

White Background



This preview shows how the YUV color 95.0510, -7.4201, -0.0447 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 × Fail

Black Background



This preview shows how the YUV color 95.0510, -7.4201, -0.0447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

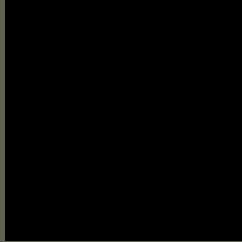
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

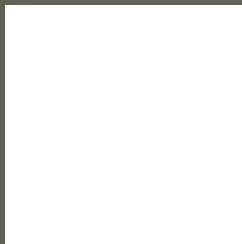
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.0510, -7.4201, -0.0447

Background



This preview shows how black text looks on a background with the YUV color 95.0510, -7.4201, -0.0447.



This preview shows how white text looks on a background with the YUV color 95.0510, -7.4201, -0.0447.

-0.0447.

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

95.0510, -7.4201, -0.0447

Protanopia

95.8560, -8.3100, 5.3883

Deuteranopia

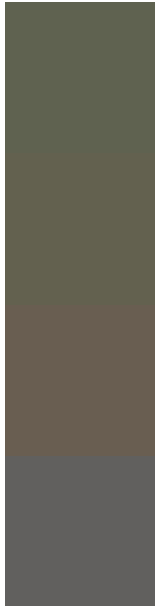
96.4270, -7.6055, 12.7805



Tritanopia

96.6950, 2.6154, 1.1445

Trichromacy



Original Color

95.0510, -7.4201, -0.0447

Protanomaly

95.5460, -8.1572, 3.0292

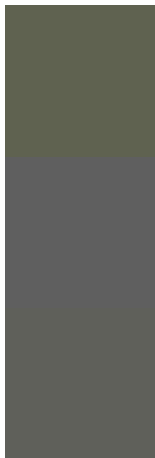
Deuteranomaly

95.8070, -7.2999, 8.0623

Tritanomaly

96.0710, -1.0210, 0.8147

Monochromacy



Original Color

95.0510, -7.4201, -0.0447

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0510, -7.4201, -0.0447 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(95, 98, 80)` looks like.

```
.text, #text, p{  
    color:rgb(95, 98, 80)  
}
```

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(95, 98, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 98, 80) }
```

Border

The CSS property to change the border of an element to YUV 95.0510, -7.4201, -0.0447 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(95, 98, 80) }
```


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

```
.border{ border-color:rgb(95, 98, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 98, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 98, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 98, 80);  
box-shadow:4px 4px 4px 4px rgb(95, 98, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 95.0510, -7.4201, -0.0447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 98, 80) }
```

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

```
.background{ background-color: rgb(95, 98,  
80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor