

Converting Colors

YUV(78.5950, 7.5947, -9.2918)

Have a look what the booklet for
YUV(78.5950, 7.5947, -9.2918)
contains.

YUV(78.5950, 7.5947, -9.2918)	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(78.5950, 7.5947,
-9.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	44515E
RGB	68, 81, 94
RGB Percent	27%, 32%, 37%
CMY	0.7333, 0.6824, 0.6314
CMYK	0.28, 0.14, 0.00, 0.63
HSL	210°, 16%, 32%
HSV	210°, 28%, 37%
XYZ	7.3467, 7.9220, 11.7316
YIQ	78.5950, -11.9210, 1.2870

Conversions

Conversions Part 2

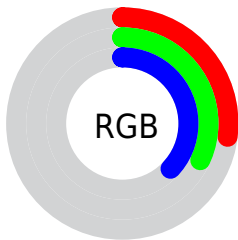
Format	Color
RYB	68, 77, 94
Decimal	4477278
CIELab	33.82, -1.75, -9.27
CIElCh	34, 9.437, 259.296
Yxy	7.9220, 0.2721, 0.2934
Android (android.graphics.Color)	4282667358 (0xFF44515E)
YUV	78.5950, 7.5947, -9.2918
Hunter-Lab	28.1460, -2.6631, -5.0106

Details

The YUV color **78.5950, 7.5947, -9.2918** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.4050, -7.5947, 9.2918**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7090, 8.0315, -9.3918**, and **34.3670, 6.7211, -9.0919** is the 20% darker color. If you saturate the color by 10%, you get **72.9690, 10.3683, -12.2508**, and if you desaturate by 10%, it is **84.2210, 4.8210, -6.3328**.

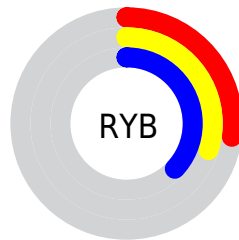
Distribution



Red (27%)

Green (32%)

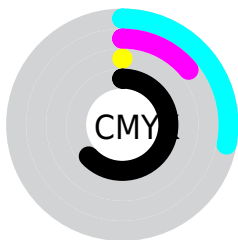
Blue (37%)



Red (27%)

Yellow (30%)

Blue (37%)

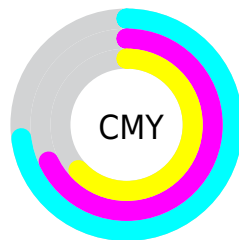


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (68%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.5950, 7.5947, -9.2918 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 78.5950, 7.5947, -9.2918 by changing the saturation by 10% instead.

■ 78.5950, 7.5947,
-9.2918

■ 78.5950, 7.5947,
-9.2918

255.0000, 0.0000,
0.0000

■ 55.4810, 7.1579,
-9.1918

■ 127.7090, 8.0315,
-9.3918

■ 34.3670, 6.7211,
-9.0919

■ 153.5240, 8.6157,
-10.1065

■ 11.8830, 7.4527,
-10.4214

■ 180.5240, 8.6157,
-10.1065

■ 0.0000, 0.0000,
0.0000

■ 208.2250, 8.7631,
-10.7213

■ 236.3390, 9.1999,
-10.8213

254.4020, 0.2948,

-1.2296

■ 78.5950, 7.5947,
-9.2918

■ 78.5950, 7.5947,
-9.2918

■ 72.9690, 10.3683,
-12.2508

■ 84.2210, 4.8210,
-6.3328

■ 67.6310, 12.9999,
-16.3394

■ 89.5590, 2.1894,
-2.2442

■ 62.0050, 15.7735,
-19.2984

■ 95.1850, -0.5842,
0.7148

■ 56.0800, 18.6946,
-22.8722

■ 101.1100, -3.5052,
4.2885

■ 51.0410, 21.1788,
-26.3460

■ 106.7360, -6.2788,
7.2475

■ 45.4150, 23.9524,
-29.3050

■ 111.7750, -8.7631,
10.7213

■ 39.4900, 26.8734,
-32.8787

■ 117.7000,
-11.6841, 14.2951

■ 38.3050, 27.4576,
-33.5935

■ 123.3260,
-14.4577, 17.2541

■ 128.6640,
-17.0894, 21.3427

Harmonies

Analogous

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



77.3340, 6.7373, -14.3249



78.5950, 7.5947, -9.2918



80.1120, 6.8468, -2.7292

Triad

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



78.5950, 7.5947, -9.2918



80.3930, -2.6587, 12.8103



78.2290, -4.0569, -5.4628

Complementary

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



78.5950, 7.5947, -9.2918



83.4050, -7.5947, 9.2918

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.



78.8770, -6.8414, 0.9849



78.5950, 7.5947, -9.2918



80.1710, -6.0003, 11.2510

Square

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



78.5950, 7.5947, -9.2918



81.2940, 0.8411, 10.2662



79.5080, -7.1524, 7.4475



77.1080, -0.5462, -11.4957

Rectangle

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



78.5950, 7.5947, -9.2918



80.6890, 5.0833, 2.9037



79.5080, -7.1524, 7.4475



78.3110, -5.0833, -2.9037

Sweetspot

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



78.5950, 7.5947, -9.2918



116.9610, 2.4842, -3.4738



84.7440, -1.8458, -14.6845



57.4450, 1.7526, -2.1443



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.



78.5950, 7.5947, -9.2918



98.3000, 11.6841, -14.2951



70.9640, 11.3567, -2.5994



43.3310, 1.3158, -2.0443



44.8250, 32.1313, -39.3115



96.8710, 69.0836, -84.9559

Inverse Universe

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



77.2560, 1.8458, 14.6845



96.2400, 2.8397, 22.5915



91.0360, -11.3567, 2.5994



42.8370, 0.5734, 2.7740



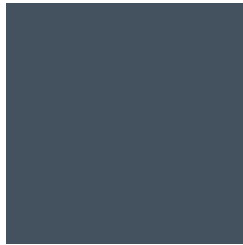
39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Previews

White Background



This preview shows how the YUV color 78.5950, 7.5947, -9.2918 looks on a white background.

Color Contrast Check

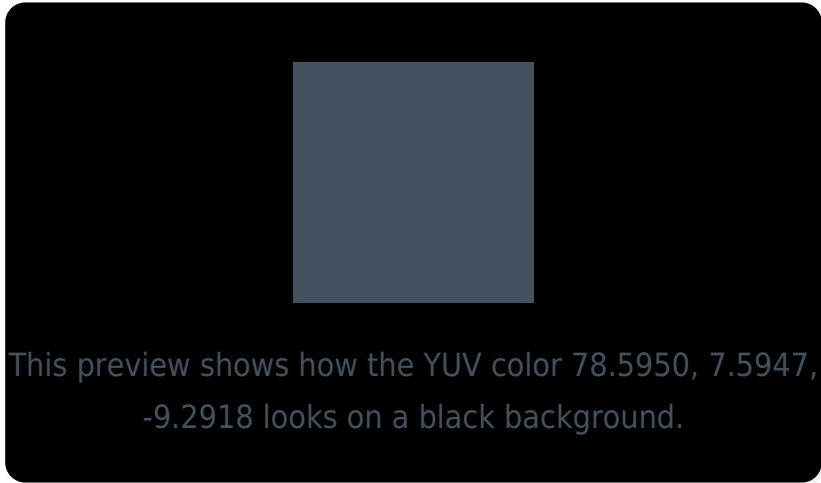
Large Text (above 18pt) WCAG AA ✓ Pass

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

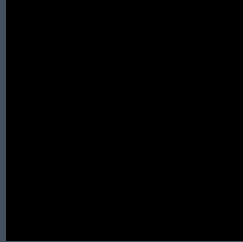
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

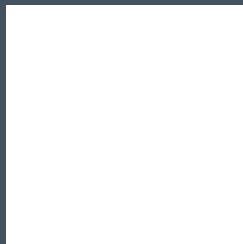
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 78.5950, 7.5947, -9.2918

Background



This preview shows how black text looks on a background with the YUV color 78.5950, 7.5947, -9.2918.



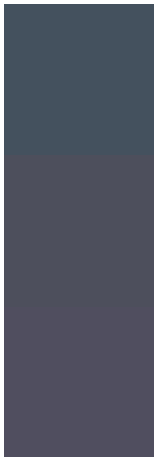
This preview shows how white text looks on a background with the YUV color 78.5950, 7.5947, -9.2918.

-9.2918.

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

78.5950, 7.5947, -9.2918

Protanopia

79.8840, 5.9732, -2.5293

Deuteranopia

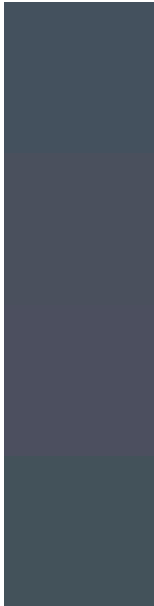
80.5360, 7.1308, -0.4701



Tritanopia

78.1990, 4.8319, -9.8215

Trichromacy



Original Color

78.5950, 7.5947, -9.2918

Protanomaly

79.6880, 6.5628, -4.9884

Deuteranomaly

79.9270, 7.4310, -3.4440

Tritanomaly

78.4270, 5.7055, -10.0215

Monochromacy



Original Color

78.5950, 7.5947, -9.2918

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5950, 7.5947, -9.2918 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(68, 81, 94)` looks like.

```
.text, #text, p{  
    color:rgb(68, 81, 94)  
}
```

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(68, 81, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 81, 94) }
```

Border

The CSS property to change the border of an element to YUV 78.5950, 7.5947, -9.2918 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(68, 81, 94) }
```


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

```
.border{ border-color:rgb(68, 81, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 81, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 81, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 81, 94);  
box-shadow:4px 4px 4px 4px rgb(68, 81, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.5950, 7.5947, -9.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 81, 94) }
```

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

```
.background{ background-color: rgb(68, 81,  
94) }
```

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