

Converting Colors

YUV(88.7250, -9.7244, -7.6518)

Have a look what the booklet for
YUV(88.7250, -9.7244, -7.6518)
contains.

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Color

**YUV(88.7250, -9.7244,
-7.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	506145
RGB	80, 97, 69
RGB Percent	31%, 38%, 27%
CMY	0.6863, 0.6196, 0.7294
CMYK	0.18, 0.00, 0.29, 0.62
HSL	96°, 17%, 33%
HSV	96°, 29%, 38%
XYZ	8.6571, 10.6845, 7.2363
YIQ	88.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

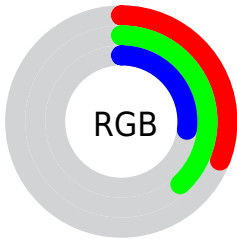
Format	Color
RYB	69, 97, 86
Decimal	5267781
CIELab	39.04, -12.29, 13.89
CIELCh	39, 18.550, 131.507
Yxy	10.6845, 0.3257, 0.4020
Android (android.graphics.Color)	4283457861 (0xFF506145)
YUV	88.7250, -9.7244, -7.6518
Hunter-Lab	32.6872, -9.9273, 9.7555

Details

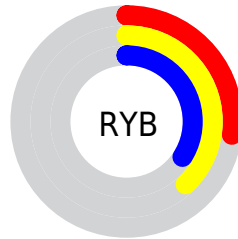
The YUV color **88.7250, -9.7244, -7.6518** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **77.2750, 9.7244, 7.6518**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0840, -10.8874, -7.9667**, and **43.2520, -8.9982, -7.2370** is the 20% darker color. If you saturate the color by 10%, you get **85.7910, -13.2080, -10.3407**, and if you desaturate by 10%, it is **91.6590, -6.2409, -4.9629**.

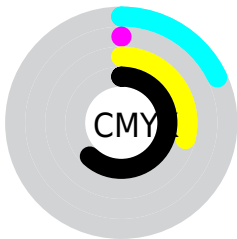
Distribution



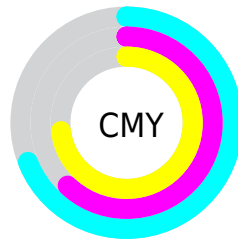
- Red (31%)
- Green (38%)
- Blue (27%)



- Red (27%)
- Yellow (38%)
- Blue (34%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (62%)



- Cyan (69%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7250, -9.7244, -7.6518 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 88.7250, -9.7244, -7.6518 by changing the saturation by 10% instead.

■ 88.7250, -9.7244,
-7.6518

■ 88.7250, -9.7244,
-7.6518

255.0000, 0.0000,
0.0000

■ 65.2520, -8.9982,
-7.2370

■ 139.0840,
-10.8874, -7.9667

■ 43.2520, -8.9982,
-7.2370

■ 165.0840,
-10.8874, -7.9667

■ 21.8070, -10.7509,
-5.0927

■ 192.6710,
-11.1768, -8.4815

■ 0.0000, 0.0000,
0.0000

■ 220.2580,
-11.4662, -8.9963

■ 246.7960,
-10.7454, -6.8371

254.8860, -0.4368,

0.1000

■ 88.7250, -9.7244,
-7.6518

■ 88.7250, -9.7244,
-7.6518

■ 85.7910, -13.2080,
-10.3407

■ 91.6590, -6.2409,
-4.9629

■ 82.9710, -16.2547,
-13.1296

■ 94.4790, -3.1941,
-2.1741

■ 80.0370, -19.7382,
-15.8184

■ 97.4130, 0.2894,
0.5148

■ 77.1030, -23.2218,
-18.5073

■ 100.3470, 3.7729,
3.2037

■ 74.4680, -26.8527,
-20.5814

■ 102.8680, 6.9671,
5.3778

■ 71.6480, -29.8995,
-23.3703

■ 105.8020, 10.4506,
8.0666

■ 68.7140, -33.3830,
-26.0592

■ 108.7360, 13.9342,
10.7555

■ 68.3010, -33.6724,
-26.5740

■ 111.6700, 17.4177,
13.4444

■ 114.4900, 20.4644,
16.2333

Harmonies

Analogous

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



90.6620, -14.1304, 5.5584



88.7250, -9.7244, -7.6518



86.8850, -2.4083, -20.9471

Triad

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



88.7250, -9.7244, -7.6518



87.6730, 15.9372, -25.1462



93.9430, -3.4229, 24.6060

Complementary

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



88.7250, -9.7244, -7.6518



77.2750, 9.7244, 7.6518

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.



94.4460, 3.7241, 18.9029



88.7250, -9.7244, -7.6518



91.4300, 14.5780, -9.1471

Square

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



88.7250, -9.7244, -7.6518



84.2220, 13.2016, -34.3977



93.7910, 10.4560, 6.3223



92.9230, -9.8220, 23.7465

Rectangle

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



88.7250, -9.7244, -7.6518



84.7360, 3.5812, -28.7095



93.7910, 10.4560, 6.3223



94.2140, -1.0915, 23.4913

Sweetspot

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



88.7250, -9.7244, -7.6518



121.6530, -3.7729, -3.2037



87.3510, -9.0470, 8.4622



61.7070, -2.3206, -2.3740



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.



88.7250, -9.7244, -7.6518



111.9110, -15.2391, -12.1999



85.7780, -6.7926, -14.7143



46.9460, -1.4524, -0.8296



78.9000, -38.8977, -30.6073



168.9860, -83.3101, -65.7627

Inverse Universe

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



77.2750, 9.7244, 7.6518



94.0890, 15.2391, 12.1999



80.2220, 6.7926, 14.7143



45.3530, 1.3050, 1.4444



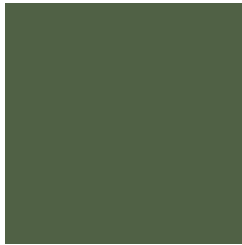
33.1000, 38.8977, 30.6073



71.0140, 83.3101, 65.7627

Previews

White Background



This preview shows how the YUV color 88.7250, -9.7244, -7.6518 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 88.7250, -9.7244, -7.6518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

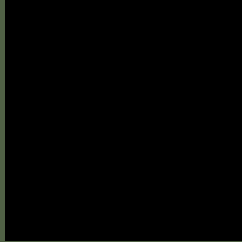
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7250, -9.7244, -7.6518

Background



This preview shows how black text looks on a background with the YUV color 88.7250, -9.7244, -7.6518.



This preview shows how white text looks on a background with the YUV color 88.7250, -9.7244, -7.6518.

-7.6518.

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

88.7250, -9.7244, -7.6518

Protanopia

91.2430, -11.9518, 6.8029

Deuteranopia

92.0420, -10.3737, 13.9952



Tritanopia

91.4060, 4.2368, -5.6181

Trichromacy



Original Color

88.7250, -9.7244, -7.6518

Protanomaly

90.4380, -11.0619, 1.3699

Deuteranomaly

90.6990, -10.2046, 6.4030

Tritanomaly

90.1410, -0.5625, -6.2627

Monochromacy



Original Color

88.7250, -9.7244, -7.6518

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7250, -9.7244, -7.6518 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(80, 97, 69)` looks like.

```
.text, #text, p{  
    color:rgb(80, 97, 69)  
}
```

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(80, 97, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 97, 69) }
```

Border

The CSS property to change the border of an element to YUV 88.7250, -9.7244, -7.6518 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(80, 97, 69) }
```


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

```
.border{ border-color:rgb(80, 97, 69) }
```

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

Here you see how a box with a 4 pixel rgb(80, 97, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 97, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 97, 69);  
box-shadow:4px 4px 4px 4px rgb(80, 97, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.7250, -9.7244, -7.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 97, 69) }
```

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

```
.background{ background-color: rgb(80, 97,  
69) }
```

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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