

Converting Colors

YUV(88.8720, -9.7969, -77.9407)

Have a look what the booklet for
YUV(88.8720, -9.7969, -77.9407)
contains.

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Color

**YUV(88.8720, -9.7969,
-77.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	008A45
RGB	0, 138, 69
RGB Percent	0%, 54%, 27%
CMY	1.0000, 0.4588, 0.7294
CMYK	1.00, 0.00, 0.50, 0.46
HSL	150°, 100%, 27%
HSV	150°, 100%, 54%
XYZ	10.1627, 18.6066, 8.6860
YIQ	88.8720, -60.0990, -50.7150

Conversions

Conversions Part 2

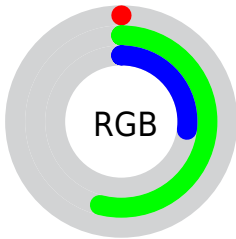
Format	Color
RYB	0, 92, 138
Decimal	35397
CIELab	50.22, -48.13, 28.08
CIELCh	50, 55.725, 149.738
Yxy	18.6066, 0.2713, 0.4968
Android (android.graphics.Color)	4278225477 (0xFF008A45)
YUV	88.8720, -9.7969, -77.9407
Hunter-Lab	43.1354, -33.4325, 18.2557

Details

The YUV color **88.8720, -9.7969, -77.9407** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **49.1280, 9.7969, 77.9407**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2610, -16.3977, -60.7419**, and **53.1040, -14.8413, -46.5722** is the 20% darker color. If you saturate the color by 10%, you get **88.8720, -9.7969, -77.9407**, and if you desaturate by 10%, it is **93.8560, -8.8030, -70.0337**.

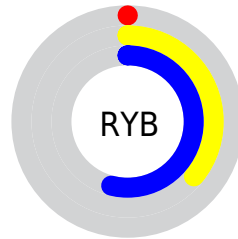
Distribution



Red (0%)

Green (54%)

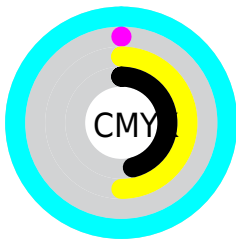
Blue (27%)



Red (0%)

Yellow (36%)

Blue (54%)

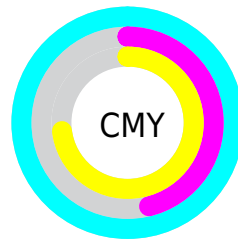


Cyan (100%)

Magenta (0%)

Yellow (50%)

Black (46%)



Cyan (100%)


Magenta (46%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.8720, -9.7969, -77.9407 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 88.8720, -9.7969, -77.9407 by changing the saturation by 10% instead.


 88.8720, -9.7969,
-77.9407

 88.8720, -9.7969,
-77.9407


255.0000, 0.0000,
0.0000


 70.9880, -12.3191,
-62.2565


 151.2610,
-16.3977, -60.7419


 53.1040, -14.8413,
-46.5722


 179.4460,
-16.9819, -60.0271

 36.3940, -17.9422,
-31.9175

 208.1040,
-18.2923, -59.7272

 23.4800, -11.5756,
-20.5920

 222.9020,
-11.7837, -47.2721

 1.1740, -0.5788,
-1.0296

 234.7650, -3.8281,
-32.2429

 0.0000, 0.0000,
0.0000

 246.6280, 4.1274,

-17.2138

■ 88.8720, -9.7969,
-77.9407

■ 93.8560, -8.8030,
-70.0337

■ 98.8400, -7.8091,
-62.1267

■ 103.5250, -6.6678,
-54.8344

■ 108.5090, -5.6739,
-46.9274

■ 113.4930, -4.6800,
-39.0204

■ 118.3630, -4.1230,
-31.0134

■ 123.3470, -3.1291,
-23.1063

■ 128.0320, -1.9878,
-15.8141

■ 133.0160, -0.9939,
-7.9070

Harmonies

Analogous

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



107.9780, -40.4152, -10.5047



88.8720, -9.7969, -77.9407



96.2190, 10.7380, -84.3841

Triad

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



88.8720, -9.7969, -77.9407



97.8850, 57.7377, -85.8451



115.0220, -19.7308, 75.4027

Complementary

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



88.8720, -9.7969, -77.9407



49.1280, 9.7969, 77.9407

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.



116.5700, 2.6770, 74.9221



88.8720, -9.7969, -77.9407



120.8200, 40.0217, -3.3501

Square

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



88.8720, -9.7969, -77.9407



102.7460, 48.4392, -90.1082



121.6710, 22.8402, 47.6465



115.9230, -39.8950, 56.1955

Rectangle

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



88.8720, -9.7969, -77.9407



100.4540, 24.4262, -88.0982



121.6710, 22.8402, 47.6465



115.2810, -12.4635, 77.8066

Sweetspot

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



88.8720, -9.7969, -77.9407



159.7760, -3.8336, -30.4986



101.6370, -50.1070, -28.6226



77.6080, -2.2717, -18.0732



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



88.8720, -9.7969, -77.9407



115.2190, -12.9260, -101.0471



96.7380, 20.3422, -84.8392



66.4510, -0.7153, -3.9035



85.5950, -9.6603, -75.0668



3.2770, -0.1366, -2.8739

Inverse Universe

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



49.1280, 9.7969, 77.9407



63.6670, 12.4892, 101.1470



41.2620, -20.3422, 84.8392



64.4350, 0.2785, 4.0035



47.2910, 9.2235, 75.1668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 88.8720, -9.7969, -77.9407 looks on a white 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

Black Background



This preview shows how the YUV color 88.8720, -9.7969, -77.9407 looks on a black 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

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

YUV 88.8720, -9.7969, -77.9407

Background



This preview shows how black text looks on a background with the YUV color 88.8720, -9.7969, -77.9407.



This preview shows how white text looks on a background with the YUV color 88.8720, -9.7969, -77.9407.

-77.9407.

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

88.8720, -9.7969, -77.9407

Protanopia

116.0900, -26.6664, 13.0761

Deuteranopia

118.5240, -21.4573, 22.3425



Tritanopia

108.2310, 16.1551, -48.4376

Trichromacy



Original Color

88.8720, -9.7969, -77.9407



Protanomaly

106.1890, -20.3062, -20.3368



Deuteranomaly

108.0310, -17.2703, -14.0592



Tritanomaly

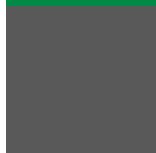
101.3470, 6.7309, -59.0633

Monochromacy



Original Color

88.8720, -9.7969, -77.9407



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.2000, -3.5496, -28.2394

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8720, -9.7969, -77.9407 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(0, 138, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 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(0, 138, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 69) }
```

Border

The CSS property to change the border of an element to YUV 88.8720, -9.7969, -77.9407 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(0, 138, 69) }
```


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

```
.border{ border-color:rgb(0, 138, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 69);  
box-shadow:4px 4px 4px 4px rgb(0, 138, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.8720, -9.7969, -77.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 69) }
```

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

```
.background{ background-color: rgb(0, 138,  
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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