

Converting Colors

YUV(86.6570, 3.1271, -69.8592)

Have a look what the booklet for
YUV(86.6570, 3.1271, -69.8592)
contains.

YUV(86.6570, 3.1271, -69.8592)	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(86.6570, 3.1271,
-69.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	077E5D
RGB	7, 126, 93
RGB Percent	3%, 49%, 36%
CMY	0.9725, 0.5059, 0.6353
CMYK	0.94, 0.00, 0.26, 0.51
HSL	163°, 89%, 26%
HSV	163°, 94%, 49%
XYZ	9.5243, 15.7572, 12.8954
YIQ	86.6570, -60.3310, -35.4910

Conversions

Conversions Part 2

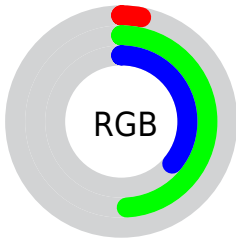
Format	Color
RYB	7, 76, 126
Decimal	491101
CIELab	46.65, -37.82, 9.81
CIELCh	47, 39.074, 165.464
Yxy	15.7572, 0.2495, 0.4127
Android (android.graphics.Color)	4278681181 (0xFF077E5D)
YUV	86.6570, 3.1271, -69.8592
Hunter-Lab	39.6953, -26.6386, 8.5258

Details

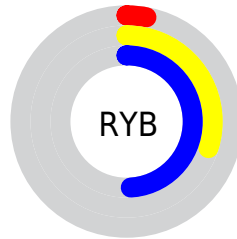
The YUV color **86.6570, 3.1271, -69.8592** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **46.3430, -3.1271, 69.8592**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8820, -1.4208, -57.7785**, and **49.9700, -1.4642, -43.8237** is the 20% darker color. If you saturate the color by 10%, you get **84.3360, 3.2854, -73.9627**, and if you desaturate by 10%, it is **90.8860, 2.5212, -62.1670**.

Distribution



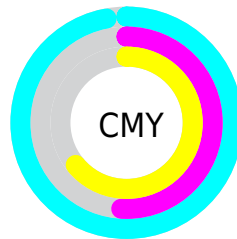
- Red (3%)
- Green (49%)
- Blue (36%)



- Red (3%)
- Yellow (30%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6570, 3.1271, -69.8592 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 86.6570, 3.1271, -69.8592 by changing the saturation by 10% instead.

86.6570, 3.1271,
-69.8592

86.6570, 3.1271,
-69.8592

255.0000, 0.0000,
0.0000

66.5660, 1.2000,
-58.3784

145.8820, -1.4208,
-57.7785

49.9700, -1.4642,
-43.8237

173.4800, -1.7156,
-56.5490

33.4880, -3.6916,
-29.3690

201.9530, -2.4418,
-56.9638

18.1970, -8.9711,
-15.9588

224.6700, 0.1627,
-52.3306

0.0000, 0.0000,
0.0000

236.6470, 8.5550,
-37.4014

245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 86.6570, 3.1271,
-69.8592

■ 86.6570, 3.1271,
-69.8592

■ 84.3360, 3.2854,
-73.9627

■ 90.8860, 2.5212,
-62.1670

■ 94.9300, 2.4995,
-55.1896

■ 99.1590, 1.8936,
-47.4974

■ 103.2030, 1.8719,
-40.5200

■ 107.4320, 1.2660,
-32.8279

■ 111.7750, 1.0969,
-25.2357

■ 115.7050, 0.6384,
-18.1583

■ 120.0480, 0.4693,
-10.5661

■ 123.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



101.5200, -18.9904, -22.3810



86.6570, 3.1271, -69.8592



89.0270, 18.7207, -78.0767

Triad

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



86.6570, 3.1271, -69.8592



108.6470, 32.2190, -20.7384



109.8630, -22.1175, 47.4781

Complementary

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



86.6570, 3.1271, -69.8592



46.3430, -3.1271, 69.8592

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.



110.9790, -7.8776, 53.5154



86.6570, 3.1271, -69.8592



114.0280, 21.1852, 18.3924

Square

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



86.6570, 3.1271, -69.8592



89.6890, 41.5653, -78.6573



113.2240, 7.2846, 43.6536



108.4620, -30.7938, 30.2898

Rectangle

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



86.6570, 3.1271, -69.8592



90.8340, 28.1828, -79.6614



113.2240, 7.2846, 43.6536



109.7370, -17.6183, 51.0967

Sweetspot

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



86.6570, 3.1271, -69.8592



148.1770, 1.3917, -26.4652



87.0190, -39.4494, -40.3587



72.7160, 0.6330, -16.4139



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



86.6570, 3.1271, -69.8592



109.1330, 4.3714, -95.7096



75.1570, 25.0656, -59.7737



61.6790, 0.1583, -4.1035



85.6240, 3.1434, -75.0922



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.3430, -3.1271, 69.8592



53.8670, -4.3714, 95.7096



57.8430, -25.0656, 59.7737



59.3210, -0.1583, 4.1035



42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.6570, 3.1271, -69.8592 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 86.6570, 3.1271, -69.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

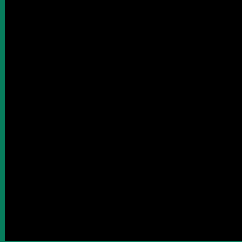
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.6570, 3.1271, -69.8592

Background



This preview shows how black text looks on a background with the YUV color 86.6570, 3.1271, -69.8592.



This preview shows how white text looks on a background with the YUV color 86.6570, 3.1271, -69.8592.

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

86.6570, 3.1271, -69.8592

Protanopia

109.2430, -11.9518, 6.8029

Deuteranopia

110.6550, -6.7319, 12.5806



Tritanopia

98.2200, 16.1605, -50.1819

Trichromacy



Original Color

86.6570, 3.1271, -69.8592

Protanomaly

101.1470, -6.4815, -21.1769

Deuteranomaly

101.7930, -2.8559, -17.3585

Tritanomaly

94.2100, 11.2355, -57.1892

Monochromacy



Original Color

86.6570, 3.1271, -69.8592

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7750, 1.0969, -25.2357

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6570, 3.1271, -69.8592 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(7, 126, 93)` looks like.

```
.text, #text, p{  
    color:rgb(7, 126, 93)  
}
```

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(7, 126, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 126, 93) }
```

Border

The CSS property to change the border of an element to YUV 86.6570, 3.1271, -69.8592 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(7, 126, 93) }
```


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

```
.border{ border-color:rgb(7, 126, 93) }
```

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

Here you see how a box with a 4 pixel rgb(7, 126, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 126, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 126, 93);  
box-shadow:4px 4px 4px 4px rgb(7, 126, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.6570, 3.1271, -69.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 126, 93) }
```

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

```
.background{ background-color: rgb(7, 126,  
93) }
```

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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