

Converting Colors

YUV(71.8890, 11.3937,
-61.2927)

Have a look what the booklet for
YUV(71.8890, 11.3937, -61.2927)
contains.

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Color

**YUV(71.8890, 11.3937,
-61.2927)**

Conversions

Conversions Part 1

Format	Color
Hex	02675F
RGB	2, 103, 95
RGB Percent	1%, 40%, 37%
CMY	0.9922, 0.5961, 0.6275
CMYK	0.98, 0.00, 0.08, 0.60
HSL	175°, 96%, 21%
HSV	175°, 98%, 40%
XYZ	6.9408, 10.5396, 12.4950
YIQ	71.8890, -57.6280, -23.9000

Conversions

Conversions Part 2

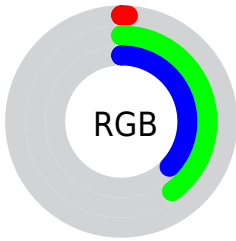
Format	Color
RYB	2, 55, 103
Decimal	157535
CIELab	38.79, -27.19, -2.72
CIELCh	39, 27.325, 185.708
Yxy	10.5396, 0.2316, 0.3516
Android (android.graphics.Color)	4278347615 (0xFF02675F)
YUV	71.8890, 11.3937, -61.2927
Hunter-Lab	32.4648, -18.6508, -0.0941

Details

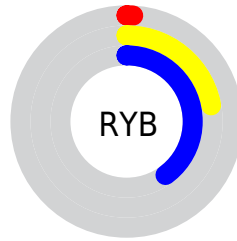
The YUV color **71.8890, 11.3937, -61.2927** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33.1110, -11.3937, 61.2927**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3420, 7.7194, -49.4119**, and **37.8710, 5.4866, -33.2129** is the 20% darker color. If you saturate the color by 10%, you get **71.2910, 11.6885, -62.5222**, and if you desaturate by 10%, it is **74.9930, 10.3565, -55.2449**.

Distribution



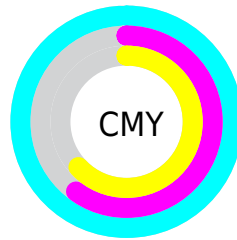
- Red (1%)
- Green (40%)
- Blue (37%)



- Red (1%)
- Yellow (22%)
- Blue (40%)



- Cyan (98%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (99%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8890, 11.3937, -61.2927 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 71.8890, 11.3937, -61.2927 by changing the saturation by 10% instead.

71.8890, 11.3937,
-61.2927

71.8890, 11.3937,
-61.2927

255.0000, 0.0000,
0.0000

54.4670, 8.1508,
-47.7676

129.3420, 7.7194,
-49.4119

37.8710, 5.4866,
-33.2129

156.6410, 7.5720,
-48.7972

23.1500, 2.3911,
-20.3026

183.6410, 7.5720,
-48.7972

0.2280, 0.8736,
-0.2000

212.2280, 7.2826,
-49.3120

0.0000, 0.0000,
0.0000

233.7710, 10.4659,
-43.6492

242.4420, 6.1911,

-25.8206

251.1130, 1.9163,
-7.9921

71.8890, 11.3937,
-61.2927

71.8890, 11.3937,
-61.2927

71.2910, 11.6885,
-62.5222

74.9930, 10.3565,
-55.2449

78.3960, 9.1718,
-48.5823

81.3860, 7.6977,
-42.4345

84.4900, 6.6604,
-36.3867

87.5940, 5.6232,
-30.3389

■ 90.9970, 4.4385,
-23.6764

■ 94.1010, 3.4012,
-17.6286

■ 97.2050, 2.3639,
-11.5808

■ 100.4940, 0.7425,
-4.8182

Harmonies

Analogous

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



82.1460, -5.0020, -29.0690



71.8890, 11.3937, -61.2927



73.2120, 21.5875, -64.2069

Triad

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



71.8890, 11.3937, -61.2927



93.3870, 16.5712, 4.9226



91.0020, -19.7210, 25.4312

Complementary

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



71.8890, 11.3937, -61.2927



33.1110, -11.3937, 61.2927

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.



92.3050, -12.4754, 34.8125



71.8890, 11.3937, -61.2927



94.5160, 7.6336, 24.9805

Square

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



71.8890, 11.3937, -61.2927



88.5300, 22.9097, -21.5128



92.6500, -2.2924, 35.3870



88.8600, -21.1300, 10.6468

Rectangle

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



71.8890, 11.3937, -61.2927



73.1780, 26.5342, -64.1771



92.6500, -2.2924, 35.3870



91.1920, -17.8427, 29.6496

Sweetspot

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



71.8890, 11.3937, -61.2927



122.9970, 4.4385, -23.6764



63.6790, -30.4077, -47.0765



61.5960, 2.6642, -14.5547



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.8890, 11.3937, -61.2927



93.3810, 15.0952, -81.8951



48.1470, 27.0425, -40.4709



49.5050, 0.7370, -3.0739



79.5890, 13.0206, -69.7996



167.4760, 27.3733, -146.8765

Inverse Universe

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



33.1110, -11.3937, 61.2927



41.6190, -15.0952, 81.8951



56.8530, -27.0425, 40.4709



47.4950, -0.7370, 3.0739



35.4110, -13.0206, 69.7996



74.5240, -27.3733, 146.8765

Previews

White Background



This preview shows how the YUV color 71.8890, 11.3937, -61.2927 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 71.8890, 11.3937, -61.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

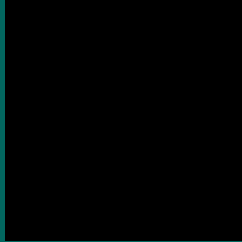
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8890, 11.3937, -61.2927

Background



This preview shows how black text looks on a background with the YUV color 71.8890, 11.3937, -61.2927.



This preview shows how white text looks on a background with the YUV color 71.8890, 11.3937,

-61.2927.

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

71.8890, 11.3937, -61.2927

Protanopia

91.5550, -1.7526, 2.1443

Deuteranopia

92.4180, 2.7519, 4.0184



Tritanopia

79.1880, 14.6973, -47.5229

Trichromacy



Original Color

71.8890, 11.3937, -61.2927

Protanomaly

84.3780, 3.2646, -20.5025

Deuteranomaly

84.7740, 6.0274, -19.9728

Tritanomaly

76.8130, 13.4032, -52.4560

Monochromacy



Original Color

71.8890, 11.3937, -61.2927

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8940, 3.9963, -21.8320

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8890, 11.3937, -61.2927 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(2, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(2, 103, 95)  
}
```

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(2, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 103, 95) }
```

Border

The CSS property to change the border of an element to YUV 71.8890, 11.3937, -61.2927 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(2, 103, 95) }
```


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

```
.border{ border-color:rgb(2, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(2, 103, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8890, 11.3937, -61.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 103, 95) }
```

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

```
.background{ background-color: rgb(2, 103,  
95) }
```

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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