

Converting Colors

YUV(81.0890, 11.7881, -0.9551)

Have a look what the booklet for
YUV(81.0890, 11.7881, -0.9551)
contains.

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Color

**YUV(81.0890, 11.7881,
-0.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	504D69
RGB	80, 77, 105
RGB Percent	31%, 30%, 41%
CMY	0.6863, 0.6980, 0.5882
CMYK	0.24, 0.27, 0.00, 0.59
HSL	246°, 15%, 36%
HSV	246°, 27%, 41%
XYZ	8.5119, 8.0331, 14.4665
YIQ	81.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

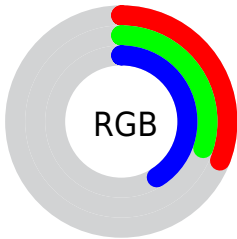
Format	Color
R_{YB}	80, 77, 105
Decimal	5262697
CIE _{Lab}	34.05, 7.96, -15.76
CIE _{LCh}	34, 17.654, 296.799
Yxy	8.0331, 0.2745, 0.2590
Android (android.graphics.Color)	4283452777 (0xFF504D69)
YUV	81.0890, 11.7881, -0.9551
Hunter-Lab	28.3428, 4.0074, -10.4224

Details

The YUV color **81.0890, 11.7881, -0.9551** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **100.9110, -11.7881, 0.9551**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6160, 12.5143, -0.5402**, and **36.1490, 10.7725, -1.8847** is the 20% darker color. If you saturate the color by 10%, you get **71.9410, 16.2981, -0.8253**, and if you desaturate by 10%, it is **89.6500, 7.5676, -0.5700**.

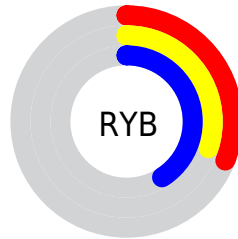
Distribution



Red (31%)

Green (30%)

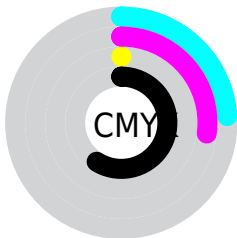
Blue (41%)



Red (31%)

Yellow (30%)

Blue (41%)

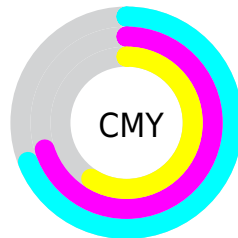


Cyan (24%)

Magenta (27%)

Yellow (0%)

Black (59%)



Cyan (69%)

Magenta (70%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0890, 11.7881, -0.9551 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 81.0890, 11.7881, -0.9551 by changing the saturation by 10% instead.

■ 81.0890, 11.7881,
-0.9551

■ 81.0890, 11.7881,
-0.9551

■ 255.0000, 0.0000,
0.0000

■ 57.9750, 11.3513,
-0.8551

■ 130.6160, 12.5143,
-0.5402

■ 36.1490, 10.7725,
-1.8847

■ 156.7300, 12.9511,
-0.6402

■ 14.1600, 10.7671,
-0.1403

■ 183.2570, 13.6773,
-0.2254

■ 2.0690, 5.3890,
-1.8145

■ 211.2570, 13.6773,
-0.2254

■ 0.0000, 0.0000,
0.0000

■ 237.8890, 8.4357,
0.9743

■ 81.0890, 11.7881,
-0.9551

■ 81.0890, 11.7881,
-0.9551

■ 71.9410, 16.2981,
-0.8253

■ 89.6500, 7.5676,
-0.5700

■ 63.0810, 20.6661,
-1.8250

■ 99.0970, 2.9102,
-0.0851

■ 53.9330, 25.1760,
-1.6952

■ 107.6580, -1.3104,
0.2999

■ 45.3720, 29.3966,
-2.0802

■ 117.1050, -5.9678,
0.7849

■ 35.9250, 34.0540,
-2.5652

■ 126.2530,
-10.4777, 0.6551

■ 27.3640, 38.2745,
-2.9502

■ 134.8140,
-14.6983, 1.0401

■ 17.9170, 42.9319,
-3.4352

■ 144.2610,
-19.3557, 1.5251

■ 15.2590, 44.2423,

■ 152.8220,

-3.7351

-23.5762, 1.9101

■ 161.3830,
-27.7968, 2.2951

Harmonies

Analogous

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



78.0870, 14.7471, -16.7393



81.0890, 11.7881, -0.9551



82.2110, 6.7980, 12.9700

Triad

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



81.0890, 11.7881, -0.9551



80.4340, -11.5530, 18.9134



74.0030, 1.9705, -25.4356

Complementary

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



81.0890, 11.7881, -0.9551



100.9110, -11.7881, 0.9551

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.



76.0170, -5.9244, -13.1699



81.0890, 11.7881, -0.9551



79.5100, -13.5624, 10.0767

Square

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



81.0890, 11.7881, -0.9551



81.1340, -6.4751, 23.5615



78.0140, -11.3459, -0.8893



72.6090, 9.5598, -32.9831

Rectangle

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



81.0890, 11.7881, -0.9551



82.1040, 2.4137, 19.2028



78.0140, -11.3459, -0.8893



74.3410, -0.6611, -21.3471

Sweetspot

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



81.0890, 11.7881, -0.9551



128.5530, 4.6574, -0.4850



94.8670, 4.9956, -15.6694



63.0970, 2.9102, -0.0851



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.



81.0890, 11.7881, -0.9551



100.2120, 18.6295, -1.9399



85.2750, 9.7244, 7.6518



48.9830, 2.4734, 0.0149



17.2250, 49.1891, -3.7053



35.7040, 103.1829, -8.5104

Inverse Universe

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



88.2220, 6.7926, 14.7143



111.6020, 10.5492, 23.1510



96.7250, -9.7244, -7.6518



50.3640, 1.2995, 3.1888



46.9530, 28.6172, 61.4312



98.2210, 59.5440, 128.7252

Previews

White Background



This preview shows how the YUV color 81.0890, 11.7881, -0.9551 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



This preview shows how the YUV color 81.0890, 11.7881, -0.9551 looks on a 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 81.0890, 11.7881, -0.9551

Background



This preview shows how black text looks on a background with the YUV color 81.0890, 11.7881, -0.9551.



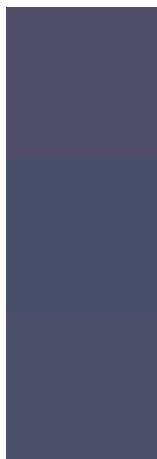
This preview shows how white text looks on a background with the YUV color 81.0890, 11.7881,

-0.9551.

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

81.0890, 11.7881, -0.9551

Protanopia

80.0990, 13.2622, -7.1028

Deuteranopia

80.7680, 11.9464, -5.0585



Tritanopia

79.9010, 3.4998, -2.5442

Trichromacy



Original Color

81.0890, 11.7881, -0.9551

Protanomaly

80.2950, 12.6726, -4.6437

Deuteranomaly

80.7790, 11.9410, -3.3142

Tritanomaly

80.4110, 6.6994, -2.1144

Monochromacy



Original Color

81.0890, 11.7881, -0.9551

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.4390, 4.2206, -0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0890, 11.7881, -0.9551 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, 77, 105)` looks like.

```
.text, #text, p{  
    color:rgb(80, 77, 105)  
}
```

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, 77, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 77, 105) }
```

Border

The CSS property to change the border of an element to YUV 81.0890, 11.7881, -0.9551 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, 77, 105) }
```


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

```
.border{ border-color:rgb(80, 77, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 77, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 77, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 77, 105);  
box-shadow:4px 4px 4px 4px rgb(80, 77,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 81.0890, 11.7881, -0.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 77, 105) }
```

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

```
.background{ background-color: rgb(80, 77,  
105) }
```

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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