

Converting Colors

YUV(41.0660, -19.7525,
82.3801)

Have a look what the booklet for
YUV(41.0660, -19.7525, 82.3801)
contains.

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Color

**YUV(41.0660, -19.7525,
82.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	870101
RGB	135, 1, 1
RGB Percent	53%, 0%, 0%
CMY	0.4706, 0.9961, 0.9961
CMYK	0.00, 0.99, 0.99, 0.47
HSL	0°, 99%, 27%
HSV	0°, 99%, 53%
XYZ	10.0080, 5.1748, 0.5001
YIQ	41.0660, 79.8640, 28.4080

Conversions

Conversions Part 2

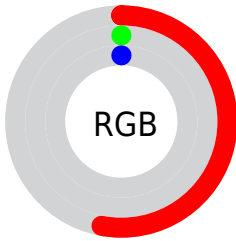
Format	Color
RYB	135, 1, 1
Decimal	8847617
CIELab	27.23, 49.78, 39.79
CIELCh	27, 63.730, 38.635
Yxy	5.1748, 0.6381, 0.3300
Android (android.graphics.Color)	4287037697 (0xFF870101)
YUV	41.0660, -19.7525, 82.3801
Hunter-Lab	22.7482, 38.7213, 14.6204

Details

The YUV color **41.0660, -19.7525, 82.3801** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **94.9340, 19.7525, -82.3801**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4650, -28.3302, 80.2762**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **40.3650, -19.8999, 82.9949**, and if you desaturate by 10%, it is **50.8800, -17.6888, 73.7732**.

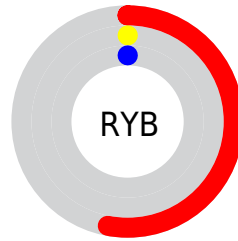
Distribution



Red (53%)

Green (0%)

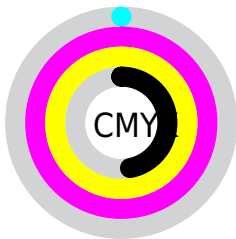
Blue (0%)



Red (53%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (47%)



Cyan (47%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.0660, -19.7525, 82.3801 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 41.0660, -19.7525, 82.3801 by changing the saturation by 10% instead.

■ 41.0660, -19.7525,
82.3801

■ 41.0660, -19.7525,
82.3801

■ 251.9220,
-11.7935, 2.6994

■ 31.3950, -15.4777,
64.5516

■ 104.4650,
-28.3302, 80.2762

■ 22.4250, -11.0555,
46.1083

■ 132.3190,
-30.2303, 83.0352

■ 14.5800, -6.2019,
29.3093

■ 159.2760,
-31.6881, 83.9499


■ 0.0000, 0.0000,
0.0000


■ 177.9750,
-28.5817, 67.5509


■ 197.3750,
-25.3279, 50.5371


■ 216.8890,


-21.6373, 33.4233


 236.9900,
-18.2361, 15.7948


 41.0660, -19.7525,
82.3801


 41.0660, -19.7525,
82.3801


 40.3650, -19.8999,
82.9949

 50.8800, -17.6888,
73.7732

 59.9930, -15.7725,
65.7811

 69.8070, -13.7089,
57.1743

 78.9200, -11.7926,
49.1822

 88.7340, -9.7289,
40.5753

■ 97.8470, -7.8126,
32.5832

■ 107.6610, -5.7489,
23.9763

■ 116.7740, -3.8326,
15.9842

■ 126.5880, -1.7689,
7.3773

Harmonies

Analogous

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



49.3970, 1.7763, 83.8438



41.0660, -19.7525, 82.3801



60.1690, -29.6633, 41.0708

Triad

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



41.0660, -19.7525, 82.3801



50.3970, -12.5207, -44.1982



57.9110, 51.8089, -50.7879

Complementary

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



41.0660, -19.7525, 82.3801



94.9340, 19.7525, -82.3801

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.



64.2710, 45.7154, -56.3657



41.0660, -19.7525, 82.3801



57.6130, 10.0508, -50.5266

Square

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



41.0660, -19.7525, 82.3801



45.1990, -22.2831, -39.6395



62.9710, 30.5803, -55.2256



63.8650, 38.5206, 11.5194

Rectangle

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



41.0660, -19.7525, 82.3801



60.9120, -30.0296, 18.4942



62.9710, 30.5803, -55.2256



60.9600, 50.7987, -53.4619

Sweetspot

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



41.0660, -19.7525, 82.3801



138.8470, -7.8126, 32.5832



56.3420, 38.7784, 68.9831



66.5680, -4.7170, 19.6729



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.



41.0660, -19.7525, 82.3801



52.6240, -25.9436, 108.2008



80.3950, -39.1417, 47.8886



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



94.9340, 19.7525, -82.3801



123.3760, 25.9436, -108.2008



55.6050, 39.1417, -47.8886



64.2060, 0.8844, -3.6887



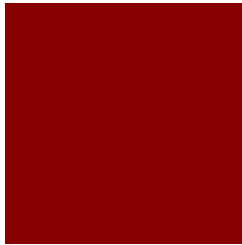
91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 41.0660, -19.7525, 82.3801 looks on a white background.

Color Contrast Check

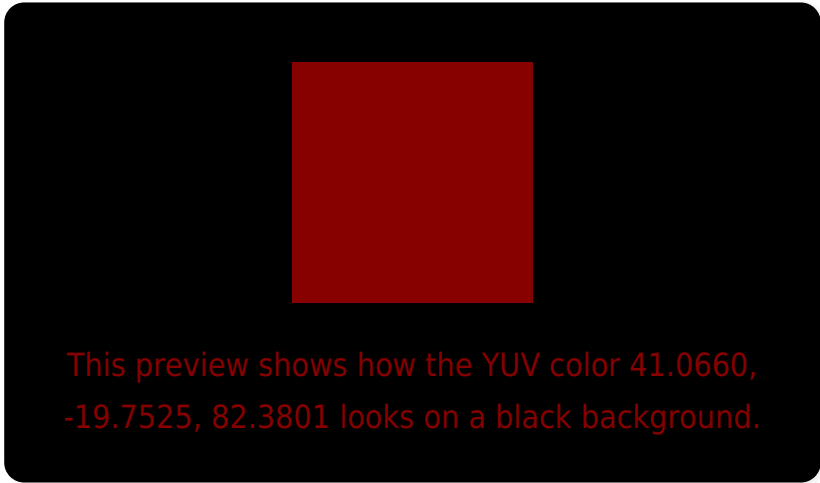
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 41.0660, -19.7525, 82.3801

Background



This preview shows how black text looks on a background with the YUV color 41.0660, -19.7525, 82.3801.



This preview shows how white text looks on a background with the YUV color 41.0660, -19.7525,

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

41.0660, -19.7525, 82.3801

Protanopia

64.6920, -23.0192, 9.9171

Deuteranopia

63.8690, -31.4874, 19.4089



Tritanopia

47.6970, -23.5146, 75.6877

Trichromacy



Original Color

41.0660, -19.7525, 82.3801

Protanomaly

56.1990, -21.7901, 35.7825

Deuteranomaly

55.7500, -27.4847, 42.3152

Tritanomaly

45.3490, -22.3571, 77.7469

Monochromacy



Original Color

41.0660, -19.7525, 82.3801

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.6510, -7.2229, 30.1241

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.0660, -19.7525, 82.3801 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(135, 1, 1)` looks like.

```
.text, #text, p{  
    color:rgb(135, 1, 1)  
}
```

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(135, 1, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 1, 1) }
```

Border

The CSS property to change the border of an element to YUV 41.0660, -19.7525, 82.3801 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(135, 1, 1) }
```


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

```
.border{ border-color:rgb(135, 1, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 1, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 1, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(135, 1, 1); box-shadow:4px  
4px 4px 4px rgb(135, 1, 1) }
```

Background

The CSS property to change the background color of an element to YUV 41.0660, -19.7525, 82.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 1, 1) }
```

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

```
.background{ background-color: rgb(135, 1,  
1) }
```

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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