

Converting Colors

YUV(41.9240, -7.8505, 44.7937)

Have a look what the booklet for
YUV(41.9240, -7.8505, 44.7937)
contains.

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Color

**YUV(41.9240, -7.8505,
44.7937)**

Conversions

Conversions Part 1

Format	Color
Hex	5D131A
RGB	93, 19, 26
RGB Percent	36%, 7%, 10%
CMY	0.6353, 0.9255, 0.8980
CMYK	0.00, 0.80, 0.72, 0.64
HSL	354°, 66%, 22%
HSV	354°, 80%, 36%
XYZ	4.9335, 2.8675, 1.2707
YIQ	41.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

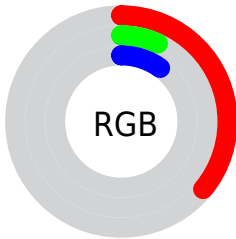
Format	Color
RYB	93, 19, 26
Decimal	6099738
CIELab	19.51, 33.47, 15.85
CIElCh	20, 37.037, 25.338
Yxy	2.8675, 0.5438, 0.3161
Android (android.graphics.Color)	4284289818 (0xFF5D131A)
YUV	41.9240, -7.8505, 44.7937
Hunter-Lab	16.9336, 22.3712, 7.4043

Details

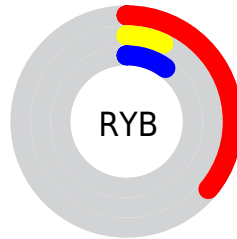
The YUV color **41.9240, -7.8505, 44.7937** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.0760, 7.8505, -44.7937**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6210, -11.6452, 48.5674**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **35.7290, -8.7404, 50.2267**, and if you desaturate by 10%, it is **48.1190, -6.9607, 39.3606**.

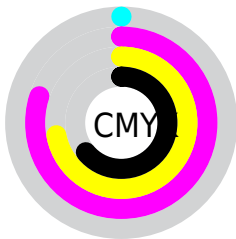
Distribution



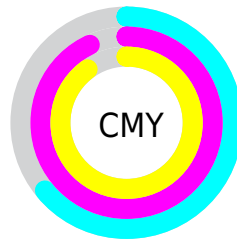
- Red (36%)
- Green (7%)
- Blue (10%)



- Red (36%)
- Yellow (7%)
- Blue (10%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9240, -7.8505, 44.7937 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 41.9240, -7.8505, 44.7937 by changing the saturation by 10% instead.

■ 41.9240, -7.8505,
44.7937

■ 41.9240, -7.8505,
44.7937

254.7720, -0.8736,
0.2000

■ 20.0330, -9.8763,
41.1901

■ 92.6210, -11.6452,
48.5674

■ 13.2700, -6.0491,
26.9502

■ 118.7030,
-12.6716, 51.1265

■ 0.0000, 0.0000,
0.0000

■ 144.7850,
-13.6980, 53.6856

■ 172.2690,
-14.4296, 55.0151

■ 197.0620,
-13.8346, 50.8116

■ 215.9890, -9.8546,

34.2126

■ 236.2040, -6.0166,
16.4841

■ 41.9240, -7.8505,
44.7937

■ 41.9240, -7.8505,
44.7937

■ 35.7290, -8.7404,
50.2267

■ 48.1190, -6.9607,
39.3606

■ 28.8330, -9.7777,
56.2745

■ 55.0150, -5.9234,
33.3128

■ 61.2100, -5.0335,
27.8798

■ 67.5190, -3.7069,
22.3468

■ 74.3010, -3.1064,
16.3990

■ 80.6100, -1.7797,
10.8660

■ 86.8050, -0.8899,
5.4330

■ 93.0000, 0.0000,
0.0000

■ 99.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



42.3550, 5.2480, 43.5387



41.9240, -7.8505, 44.7937



43.8890, -21.6373, 33.4233

Triad

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



41.9240, -7.8505, 44.7937



35.0550, -10.3801, -30.7432



42.1520, 29.5051, -36.9673

Complementary

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



41.9240, -7.8505, 44.7937



70.0760, 7.8505, -44.7937

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.



43.9470, 23.6901, -38.5415



41.9240, -7.8505, 44.7937



39.4210, 1.2714, -34.5722

Square

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



41.9240, -7.8505, 44.7937



41.8860, -20.6498, -3.4080



42.6130, 13.5018, -37.3716



46.1770, 25.0557, -9.8022

Rectangle

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



41.9240, -7.8505, 44.7937



44.9970, -22.1835, 21.9276



42.6130, 13.5018, -37.3716



43.0980, 28.0527, -37.7969

Sweetspot

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



41.9240, -7.8505, 44.7937



100.0130, -2.9644, 17.5286



47.4690, 22.4468, 33.7917



48.6100, -1.7797, 10.8660



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



41.9240, -7.8505, 44.7937



41.3400, -11.9996, 68.9848



58.7360, -19.5898, 30.0495



42.6090, -0.3002, 2.9739



34.0300, -11.8468, 66.6257



73.3710, -25.3259, 143.5026

Inverse Universe

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



41.9240, -7.8505, 44.7937



41.3400, -11.9996, 68.9848



53.2640, 19.5898, -30.0495



42.6090, -0.3002, 2.9739



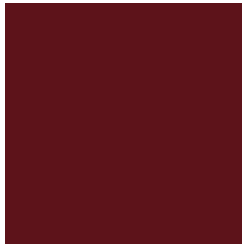
34.0300, -11.8468, 66.6257



73.3710, -25.3259, 143.5026

Previews

White Background



This preview shows how the YUV color 41.9240, -7.8505, 44.7937 looks on a white background.

Color Contrast Check

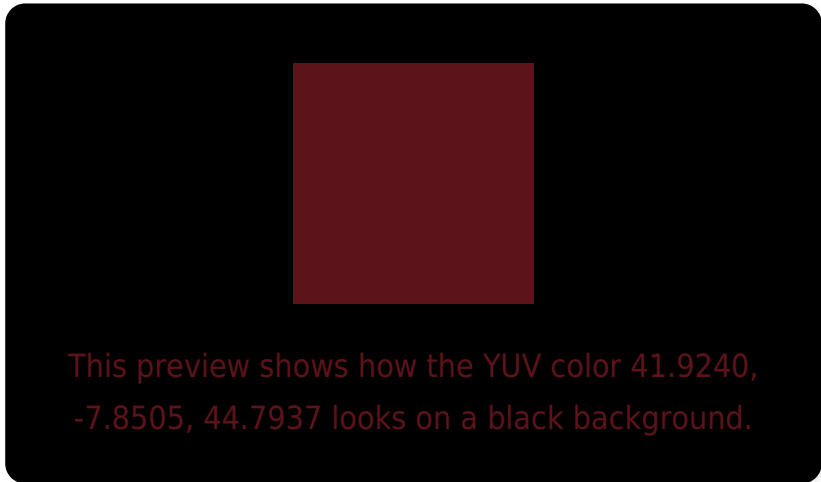
Large Text (above 18pt) WCAG AA ✓ Pass

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

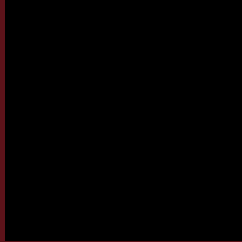
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.9240, -7.8505, 44.7937

Background



This preview shows how black text looks on a background with the YUV color 41.9240, -7.8505, 44.7937.

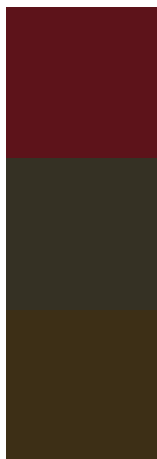


This preview shows how white text looks on a background with the YUV color 41.9240, -7.8505,

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

41.9240, -7.8505, 44.7937

Protanopia

48.7140, -6.2680, 3.7588

Deuteranopia

48.3360, -12.9836, 11.1063



Tritanopia

41.8270, -10.7607, 44.8787

Trichromacy



Original Color

41.9240, -7.8505, 44.7937

Protanomaly

46.2860, -7.0430, 19.0432

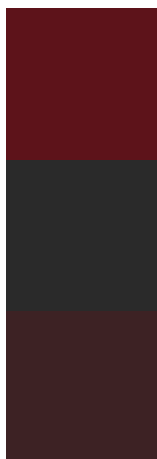
Deuteranomaly

46.1680, -11.4218, 23.5317

Tritanomaly

42.0550, -9.8871, 44.6788

Monochromacy



Original Color

41.9240, -7.8505, 44.7937

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.3010, -3.1064, 16.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9240, -7.8505, 44.7937 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(93, 19, 26)` looks like.

```
.text, #text, p{  
    color:rgb(93, 19, 26)  
}
```

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(93, 19, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 19, 26) }
```

Border

The CSS property to change the border of an element to YUV 41.9240, -7.8505, 44.7937 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(93, 19, 26) }
```


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

```
.border{ border-color:rgb(93, 19, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 19, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 19, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 19, 26);  
box-shadow:4px 4px 4px 4px rgb(93, 19, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9240, -7.8505, 44.7937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 19, 26) }
```

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

```
.background{ background-color: rgb(93, 19,  
26) }
```

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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