

Converting Colors

YUV(27.1900, -7.9817, 40.1754)

Have a look what the booklet for
YUV(27.1900, -7.9817, 40.1754)
contains.

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Color

**YUV(27.1900, -7.9817,
40.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	49070B
RGB	73, 7, 11
RGB Percent	29%, 3%, 4%
CMY	0.7137, 0.9725, 0.9569
CMYK	0.00, 0.90, 0.85, 0.71
HSL	356°, 82%, 16%
HSV	356°, 90%, 29%
XYZ	2.8840, 1.5926, 0.4720
YIQ	27.1900, 38.0520, 15.2360

Conversions

Conversions Part 2

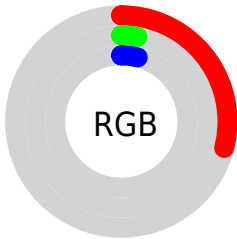
Format	Color
RYB	73, 7, 11
Decimal	4785931
CIELab	13.18, 30.15, 15.98
CIElCh	13, 34.128, 27.923
Yxy	1.5926, 0.5828, 0.3218
Android (android.graphics.Color)	4282976011 (0xFF49070B)
YUV	27.1900, -7.9817, 40.1754
Hunter-Lab	12.6198, 18.7086, 6.6163

Details

The YUV color **27.1900, -7.9817, 40.1754** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **52.8100, 7.9817, -40.1754**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.0010, -11.3395, 43.8491**, and **0.5980, -0.2948, 1.2296** is the 20% darker color. If you saturate the color by 10%, you get **22.2830, -9.0135, 44.4788**, and if you desaturate by 10%, it is **32.0970, -6.9498, 35.8719**.

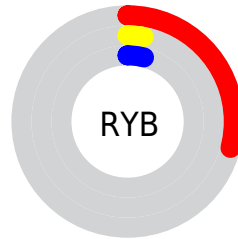
Distribution



Red (29%)

Green (3%)

Blue (4%)



Red (29%)

Yellow (3%)

Blue (4%)

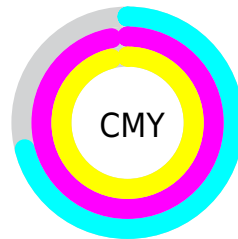


Cyan (0%)

Magenta (90%)

Yellow (85%)

Black (71%)



Cyan (71%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.1900, -7.9817, 40.1754 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 27.1900, -7.9817, 40.1754 by changing the saturation by 10% instead.

■ 27.1900, -7.9817,
40.1754

■ 27.1900, -7.9817,
40.1754

■ 244.9750, -5.4107,
8.7919

■ 14.3520, -7.0755,
29.5093

■ 77.0010, -11.3395,
43.8491

■ 0.5980, -0.2948,
1.2296

■ 102.3710,
-12.5079, 45.2786

■ 0.0000, 0.0000,
0.0000

■ 128.4530,
-13.5343, 47.8377

■ 155.2360,
-14.4133, 49.7820

■ 182.1330,
-14.8556, 51.6264

■ 205.2460,

-12.9393, 43.6343

■ 224.7600, -9.2487,
26.5205

■ 27.1900, -7.9817,
40.1754

■ 27.1900, -7.9817,
40.1754

■ 22.2830, -9.0135,
44.4788

■ 32.0970, -6.9498,
35.8719

■ 37.5910, -6.2074,
31.0537

■ 42.4980, -5.1755,
26.7503

■ 47.2910, -4.5805,
22.5468

■ 52.7850, -3.8380,
17.7286

■ 57.6920, -2.8062,
13.4251

■ 62.5990, -1.7743,
9.1217

■ 67.5060, -0.7425,
4.8182

■ 73.0000, 0.0000,
0.0000

Harmonies

Analogous

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



27.2190, 4.8220, 40.1499



27.1900, -7.9817, 40.1754



31.7510, -15.6532, 27.4054

Triad

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



27.1900, -7.9817, 40.1754



24.8820, -11.2808, -21.8215



31.6540, 24.8206, -27.7606

Complementary

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



27.1900, -7.9817, 40.1754



52.8100, 7.9817, -40.1754

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.



33.0900, 20.1686, -29.0199



27.1900, -7.9817, 40.1754



29.4760, 1.2443, -25.8505

Square

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



27.1900, -7.9817, 40.1754



29.4710, -14.5292, -6.5521



32.2120, 11.7275, -28.2499



32.8740, 21.2611, -6.0285

Rectangle

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



27.1900, -7.9817, 40.1754



32.2720, -15.9101, 16.4245



32.2120, 11.7275, -28.2499



32.7140, 23.8050, -28.6902

Sweetspot

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



27.1900, -7.9817, 40.1754



76.5890, -3.2484, 15.2694



33.0620, 19.6894, 31.5176



37.5990, -1.7743, 9.1217



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



27.1900, -7.9817, 40.1754



28.7900, -11.2355, 57.1892



43.7570, -18.1212, 25.6461



33.1960, -0.5896, 2.4591



30.2850, -11.9725, 60.2631



69.4690, -27.3462, 138.1547

Inverse Universe

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



27.1900, -7.9817, 40.1754



28.7900, -11.2355, 57.1892



36.2430, 18.1212, -25.6461



33.1960, -0.5896, 2.4591



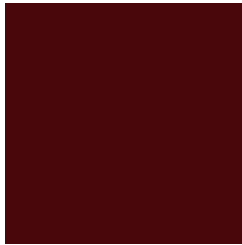
30.2850, -11.9725, 60.2631



69.4690, -27.3462, 138.1547

Previews

White Background



This preview shows how the YUV color 27.1900, -7.9817, 40.1754 looks on a white background.

Color Contrast Check

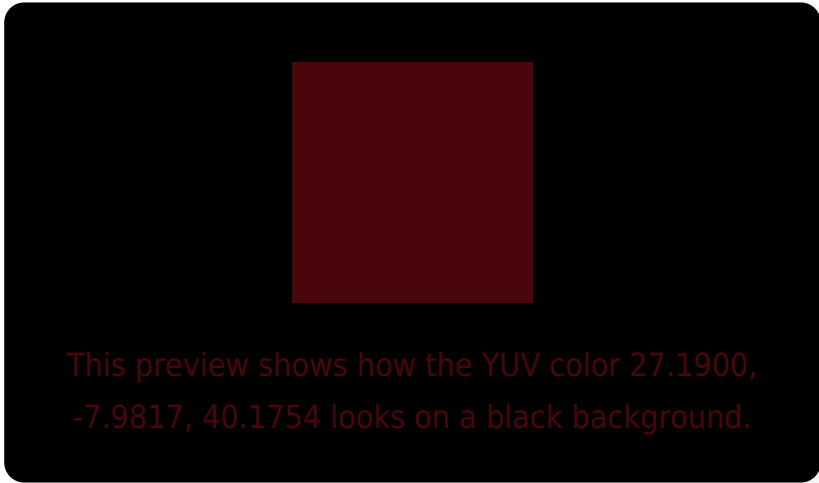
Large Text (above 18pt) WCAG AA ✓ Pass

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

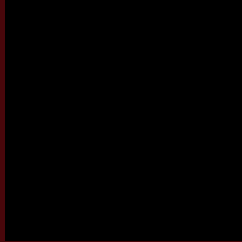
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.1900, -7.9817, 40.1754

Background



This preview shows how black text looks on a background with the YUV color 27.1900, -7.9817, 40.1754.

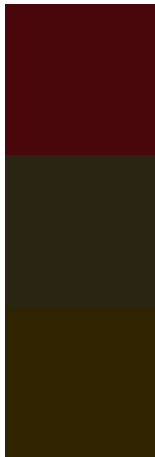


This preview shows how white text looks on a background with the YUV color 27.1900, -7.9817,

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

27.1900, -7.9817, 40.1754

Protanopia

36.0300, -8.8888, 4.3587

Deuteranopia

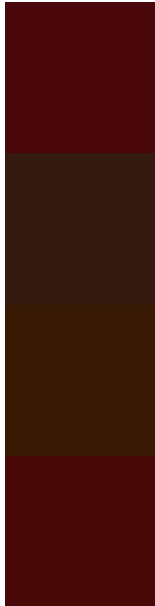
34.5980, -17.0568, 10.8766



Tritanopia

27.2070, -10.4551, 40.1605

Trichromacy



Original Color

27.1900, -7.9817, 40.1754

Protanomaly

32.8190, -8.7848, 17.6987

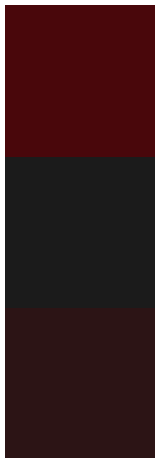
Deuteranomaly

31.8750, -13.7424, 21.1576

Tritanomaly

27.4350, -9.5815, 39.9605

Monochromacy



Original Color

27.1900, -7.9817, 40.1754

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

27.2900, -3.1010, 14.6547

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.1900, -7.9817, 40.1754 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(73, 7, 11)` looks like.

```
.text, #text, p{  
    color:rgb(73, 7, 11)  
}
```

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(73, 7, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 7, 11) }
```

Border

The CSS property to change the border of an element to YUV 27.1900, -7.9817, 40.1754 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(73, 7, 11) }
```


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

```
.border{ border-color:rgb(73, 7, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 7, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 7, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 7, 11); box-shadow:4px  
4px 4px 4px rgb(73, 7, 11) }
```

Background

The CSS property to change the background color of an element to YUV 27.1900, -7.9817, 40.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 7, 11) }
```

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

```
.background{ background-color: rgb(73, 7,  
11) }
```

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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