

Converting Colors

YUV(47.7340, -9.7289, 40.5753)

Have a look what the booklet for
YUV(47.7340, -9.7289, 40.5753)
contains.

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Color

**YUV(47.7340, -9.7289,
40.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1C1C
RGB	94, 28, 28
RGB Percent	37%, 11%, 11%
CMY	0.6314, 0.8902, 0.8902
CMYK	0.00, 0.70, 0.70, 0.63
HSL	0°, 54%, 24%
HSV	0°, 70%, 37%
XYZ	5.2409, 3.2940, 1.4582
YIQ	47.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

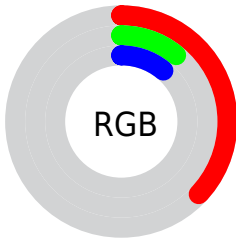
Format	Color
R_{YB}	94, 28, 28
Decimal	6167580
CIE Lab	21.18, 30.03, 16.62
CIE LCh	21, 34.320, 28.958
Yxy	3.2940, 0.5245, 0.3296
Android (android.graphics.Color)	4284357660 (0xFF5E1C1C)
YUV	47.7340, -9.7289, 40.5753
Hunter-Lab	18.1495, 19.7832, 7.9411

Details

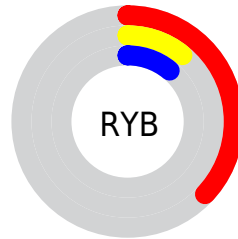
The YUV color **47.7340, -9.7289, 40.5753** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.2660, 9.7289, -40.5753**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2570, -12.9447, 45.3786**, and **13.5690, -6.1965, 27.5650** is the 20% darker color. If you saturate the color by 10%, you get **41.4250, -11.0555, 46.1083**, and if you desaturate by 10%, it is **54.0430, -8.4022, 35.0423**.

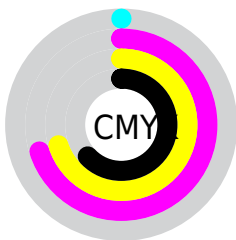
Distribution



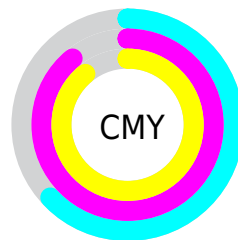
- Red (37%)
- Green (11%)
- Blue (11%)



- Red (37%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (63%)



- Cyan (63%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7340, -9.7289, 40.5753 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 47.7340, -9.7289, 40.5753 by changing the saturation by 10% instead.

■ 47.7340, -9.7289,
40.5753

■ 47.7340, -9.7289,
40.5753

255.0000, 0.0000,
0.0000

■ 21.7340, -9.7289,
40.5753

■ 97.2570, -12.9447,
45.3786

■ 13.5690, -6.1965,
27.5650

■ 123.0400,
-13.8237, 47.3229

■ 0.0000, 0.0000,
0.0000

■ 149.2360,
-14.4133, 49.7820

■ 176.7200,
-15.1450, 51.1116

■ 201.5130,
-14.5499, 46.9081

■ 221.0270,

-10.8593, 29.7943

240.6550, -6.7319,
12.5806

47.7340, -9.7289,
40.5753

47.7340, -9.7289,
40.5753

41.4250, -11.0555,
46.1083

54.0430, -8.4022,
35.0423

34.4150, -12.5296,
52.2560

61.0530, -6.9281,
28.8945

28.1060, -13.8563,
57.7890

67.3620, -5.6015,
23.3615

74.3720, -4.1274,
17.2138

80.6810, -2.8007,
11.6808

■ 86.9900, -1.4741,
6.1478

■ 94.0000, 0.0000,
0.0000

■ 100.3090, 1.3267,
-5.5330

■ 107.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



48.2360, 2.3487, 40.1350



47.7340, -9.7289, 40.5753



48.0520, -22.2106, 30.6494

Triad

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



47.7340, -9.7289, 40.5753



37.8420, -7.3171, -33.1874



43.3260, 28.9263, -37.9969

Complementary

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



47.7340, -9.7289, 40.5753



74.2660, 9.7289, -40.5753

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.



45.9360, 23.6956, -40.2859



47.7340, -9.7289, 40.5753



41.9800, 3.4609, -36.8165

Square

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



47.7340, -9.7289, 40.5753



44.5330, -21.9548, -4.8524



44.9440, 14.8176, -39.4159



51.5970, 21.3977, -3.1546

Rectangle

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



47.7340, -9.7289, 40.5753



48.2310, -23.7779, 19.9684



44.9440, 14.8176, -39.4159



44.9730, 27.6213, -39.4413

Sweetspot

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



47.7340, -9.7289, 40.5753



104.4750, -3.6852, 15.3694



55.2580, 19.0998, 33.9767



50.4850, -2.2111, 9.2217



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.



47.7340, -9.7289, 40.5753



50.4980, -15.0355, 62.7073



67.1050, -19.2788, 23.5869



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021

Inverse Universe

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



74.2660, 9.7289, -40.5753



91.5020, 15.0355, -62.7073



54.8950, 19.2788, -23.5869



44.5050, 0.7370, -3.0739



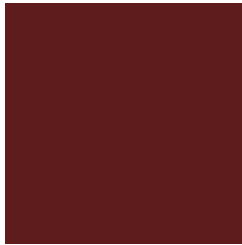
77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Previews

White Background



This preview shows how the YUV color 47.7340, -9.7289, 40.5753 looks on a white background.

Color Contrast Check

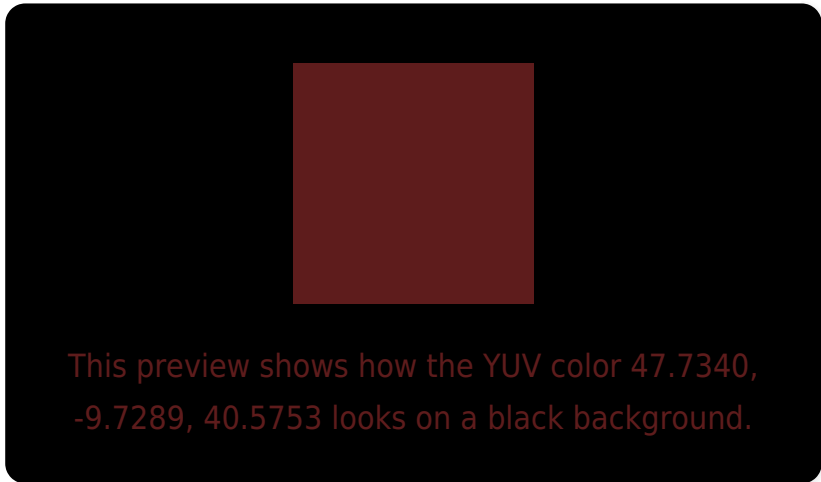
Large Text (above 18pt) WCAG AA ✓ Pass

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

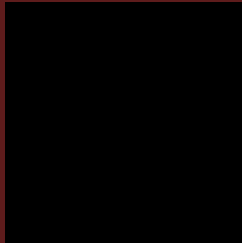
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7340, -9.7289, 40.5753

Background



This preview shows how black text looks on a background with the YUV color 47.7340, -9.7289, 40.5753.

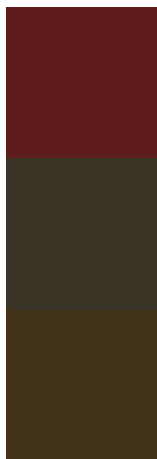


This preview shows how white text looks on a background with the YUV color 47.7340, -9.7289,

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

47.7340, -9.7289, 40.5753

Protanopia

51.7850, -7.2890, 4.5736

Deuteranopia

51.5210, -13.5679, 11.8211



Tritanopia

47.8480, -9.2921, 40.4753

Trichromacy



Original Color

47.7340, -9.7289, 40.5753

Protanomaly

50.0470, -7.9112, 17.4988

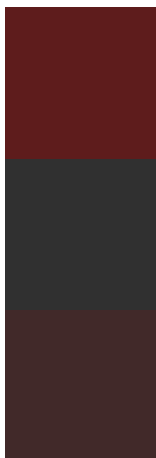
Deuteranomaly

50.2280, -12.4374, 22.6020

Tritanomaly

47.8480, -9.2921, 40.4753

Monochromacy



Original Color

47.7340, -9.7289, 40.5753

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1760, -3.5378, 14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7340, -9.7289, 40.5753 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(94, 28, 28)` looks like.

```
.text, #text, p{  
    color:rgb(94, 28, 28)  
}
```

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(94, 28, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 28, 28) }
```

Border

The CSS property to change the border of an element to YUV 47.7340, -9.7289, 40.5753 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(94, 28, 28) }
```


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

```
.border{ border-color:rgb(94, 28, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 28, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 28, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 28, 28);  
box-shadow:4px 4px 4px 4px rgb(94, 28, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.7340, -9.7289, 40.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 28, 28) }
```

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

```
.background{ background-color: rgb(94, 28,  
28) }
```

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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