

Converting Colors

YUV(35.7340, -9.7289, 40.5753)

Have a look what the booklet for
YUV(35.7340, -9.7289, 40.5753)
contains.

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Color

**YUV(35.7340, -9.7289,
40.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	521010
RGB	82, 16, 16
RGB Percent	32%, 6%, 6%
CMY	0.6784, 0.9373, 0.9373
CMYK	0.00, 0.80, 0.80, 0.68
HSL	0°, 67%, 19%
HSV	0°, 80%, 32%
XYZ	3.7585, 2.2018, 0.7171
YIQ	35.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

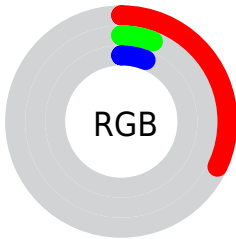
Format	Color
RYB	82, 16, 16
Decimal	5378064
CIELab	16.51, 30.20, 18.21
CIElCh	17, 35.270, 31.090
Yxy	2.2018, 0.5629, 0.3297
Android (android.graphics.Color)	4283568144 (0xFF521010)
YUV	35.7340, -9.7289, 40.5753
Hunter-Lab	14.8386, 19.2452, 7.5217

Details

The YUV color **35.7340, -9.7289, 40.5753** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **62.2660, 9.7289, -40.5753**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8440, -13.2341, 44.8638**, and **8.7850, -3.8380, 17.7286** is the 20% darker color. If you saturate the color by 10%, you get **30.1260, -10.9081, 45.4935**, and if you desaturate by 10%, it is **41.3420, -8.5496, 35.6571**.

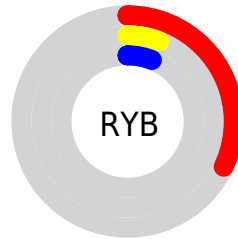
Distribution



Red (32%)

Green (6%)

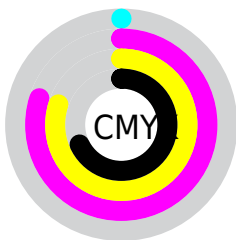
Blue (6%)



Red (32%)

Yellow (6%)

Blue (6%)

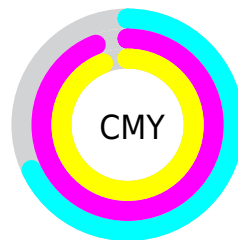


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (68%)



Cyan (68%)


Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 35.7340, -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 35.7340, -9.7289, 40.5753 by changing the saturation by 10% instead.


 35.7340, -9.7289,
40.5753


 35.7340, -9.7289,
40.5753

 250.9420, -5.3944,
3.5589

 16.7440, -8.2548,
34.4275


 84.8440, -13.2341,
44.8638


 8.7850, -3.8380,
17.7286

 110.5130,
-14.5499, 46.9081

 0.0000, 0.0000,
0.0000

 136.5950,
-15.5763, 49.4672

 163.4920,
-16.0186, 51.3115

 191.2750,
-16.8976, 53.2558

 211.0990,

-13.3598, 38.5012

■ 231.2000, -9.9586,
20.8726

■ 35.7340, -9.7289,
40.5753

■ 35.7340, -9.7289,
40.5753

■ 30.1260, -10.9081,
45.4935

■ 41.3420, -8.5496,
35.6571

■ 24.5180, -12.0874,
50.4117

■ 46.9500, -7.3704,
30.7388

■ 53.2590, -6.0437,
25.2059

■ 58.8670, -4.8644,
20.2876

■ 64.4750, -3.6852,
15.3694

■ 70.0830, -2.5059,
10.4512

■ 75.6910, -1.3267,
5.5330

■ 82.0000, 0.0000,
0.0000

■ 87.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



34.4860, 3.2114, 43.4238



35.7340, -9.7289, 40.5753



38.5400, -19.0002, 27.5904

Triad

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



35.7340, -9.7289, 40.5753



30.9460, -8.3544, -27.1396



36.3160, 27.4522, -31.8491

Complementary

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



35.7340, -9.7289, 40.5753



62.2660, 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.



38.4530, 22.9477, -33.7233



35.7340, -9.7289, 40.5753



35.1980, 2.8604, -30.8686

Square

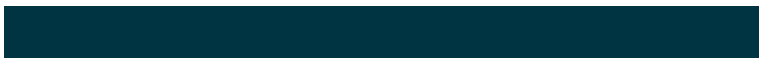
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.7340, -9.7289, 40.5753



35.6620, -17.5814, -7.5966



38.0480, 13.7803, -33.3681



41.1950, 21.1029, -1.9250

Rectangle

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



35.7340, -9.7289, 40.5753



39.0610, -19.2571, 16.6095



38.0480, 13.7803, -33.3681



37.3760, 26.4366, -32.7788

Sweetspot

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



35.7340, -9.7289, 40.5753



88.7740, -3.8326, 15.9842



43.2580, 19.0998, 33.9767



42.7840, -2.3585, 9.8364



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



35.7340, -9.7289, 40.5753



34.0960, -15.3303, 63.9368



55.1050, -19.2788, 23.5869



38.1960, -0.5896, 2.4591



31.3950, -15.4777, 64.5516



69.3680, -34.1984, 142.6283

Inverse Universe

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



62.2660, 9.7289, -40.5753



75.9040, 15.3303, -63.9368



42.8950, 19.2788, -23.5869



39.8040, 0.5896, -2.4591



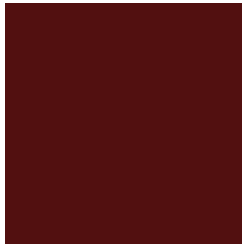
73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Previews

White Background



This preview shows how the YUV color 35.7340, -9.7289, 40.5753 looks on a white background.

Color Contrast Check

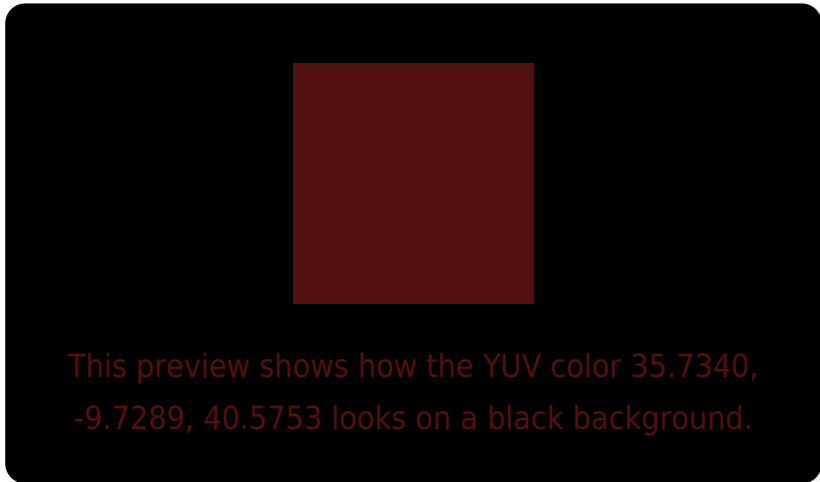
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7340, -9.7289, 40.5753

Background



This preview shows how black text looks on a background with the YUV color 35.7340, -9.7289, 40.5753.

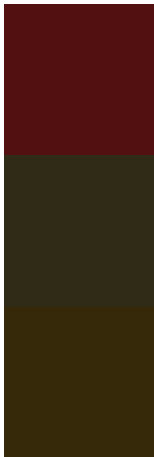


This preview shows how white text looks on a background with the YUV color 35.7340, -9.7289,

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

35.7340, -9.7289, 40.5753

Protanopia

41.9160, -9.3256, 4.4587

Deuteranopia

41.3530, -15.4570, 11.0914



Tritanopia

35.7340, -9.7289, 40.5753

Trichromacy



Original Color

35.7340, -9.7289, 40.5753

Protanomaly

39.5910, -9.6584, 17.8987

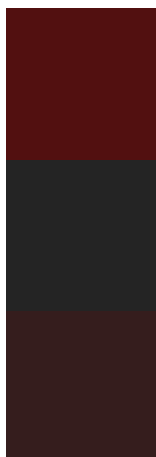
Deuteranomaly

39.2880, -13.4530, 21.6724

Tritanomaly

35.7340, -9.7289, 40.5753

Monochromacy



Original Color

35.7340, -9.7289, 40.5753

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.1760, -3.5378, 14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.7340, -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(82, 16, 16)` looks like.

```
.text, #text, p{  
    color:rgb(82, 16, 16)  
}
```

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(82, 16, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 16, 16) }
```

Border

The CSS property to change the border of an element to YUV 35.7340, -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(82, 16, 16) }
```


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

```
.border{ border-color:rgb(82, 16, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 16, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 16, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 16, 16);  
box-shadow:4px 4px 4px 4px rgb(82, 16, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.7340, -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(82, 16, 16) }
```

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

```
.background{ background-color: rgb(82, 16,  
16) }
```

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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