

Converting Colors

YUV(42.5990, -11.6343,
45.0787)

Have a look what the booklet for
YUV(42.5990, -11.6343, 45.0787)
contains.

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Color

**YUV(42.5990, -11.6343,
45.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1513
RGB	94, 21, 19
RGB Percent	37%, 8%, 7%
CMY	0.6314, 0.9176, 0.9255
CMYK	0.00, 0.78, 0.80, 0.63
HSL	2°, 66%, 22%
HSV	2°, 80%, 37%
XYZ	5.0018, 2.9630, 0.9244
YIQ	42.5990, 44.1500, 14.8540

Conversions

Conversions Part 2

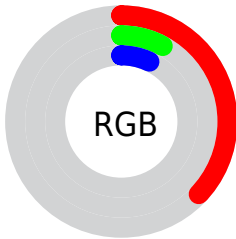
Format	Color
RYB	94, 21, 19
Decimal	6165779
CIELab	19.90, 32.65, 21.08
CIELCh	20, 38.863, 32.849
Yxy	2.9630, 0.5627, 0.3333
Android (android.graphics.Color)	4284355859 (0xFF5E1513)
YUV	42.5990, -11.6343, 45.0787
Hunter-Lab	17.2135, 21.7441, 8.8654

Details

The YUV color **42.5990, -11.6343, 45.0787** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **70.4010, 11.6343, -45.0787**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8940, -15.7237, 50.0820**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **36.2900, -12.9610, 50.6117**, and if you desaturate by 10%, it is **48.9080, -10.3076, 39.5457**.

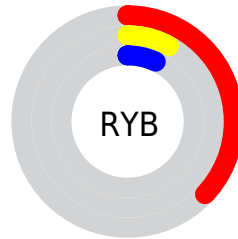
Distribution



Red (37%)

Green (8%)

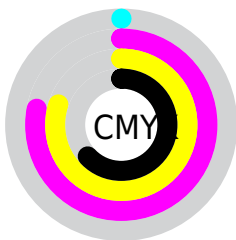
Blue (7%)



Red (37%)

Yellow (8%)

Blue (7%)

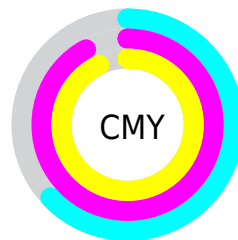


Cyan (0%)

Magenta (78%)

Yellow (80%)

Black (63%)



Cyan (63%)

Magenta (92%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.5990, -11.6343, 45.0787 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 42.5990, -11.6343, 45.0787 by changing the saturation by 10% instead.

■ 42.5990, -11.6343,
45.0787

■ 42.5990, -11.6343,
45.0787

■ 253.7460, -4.8048,
1.0998

■ 20.0330, -9.8763,
41.1901

■ 92.8940, -15.7237,
50.0820

■ 13.2700, -6.0491,
26.9502

■ 118.6770,
-16.6028, 52.0263

■ 0.0000, 0.0000,
0.0000

■ 145.3460,
-17.9186, 54.0706

■ 172.4280,
-18.9450, 56.6296

■ 196.7370,
-17.6183, 51.0967

■ 216.2510,

-13.9277, 33.9829

235.7650,
-10.2371, 16.8691

42.5990, -11.6343,
45.0787

42.5990, -11.6343,
45.0787

36.2900, -12.9610,
50.6117

48.9080, -10.3076,
39.5457

29.8670, -14.7244,
56.2446

55.3310, -8.5442,
33.9127

61.6400, -7.2175,
28.3797

68.6500, -5.7435,
22.2319

74.9590, -4.4168,
16.6990

■ 81.2680, -3.0901,
11.1660

■ 87.6910, -1.3267,
5.5330

■ 94.0000, 0.0000,
0.0000

■ 100.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



40.8180, 3.0477, 49.2716



42.5990, -11.6343, 45.0787



45.0520, -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.



42.5990, -11.6343, 45.0787



36.9130, -8.3381, -32.3727



41.9070, 31.1048, -36.7524

Complementary

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



42.5990, -11.6343, 45.0787



70.4010, 11.6343, -45.0787

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.



45.3320, 26.4583, -39.7562



42.5990, -11.6343, 45.0787



40.9200, 4.4764, -35.8868

Square

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



42.5990, -11.6343, 45.0787



41.2550, -20.3387, -9.8706



44.1120, 16.7068, -38.6862



48.4880, 23.4234, 0.4490

Rectangle

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



42.5990, -11.6343, 45.0787



45.5620, -22.4621, 17.9241



44.1120, 16.7068, -38.6862



43.6680, 30.2367, -38.2968

Sweetspot

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



42.5990, -11.6343, 45.0787



102.2580, -4.5642, 17.3137



49.8610, 21.2675, 38.7099



48.9690, -2.9427, 10.5512



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.



42.5990, -11.6343, 45.0787



41.7440, -18.1148, 70.3845



64.3180, -22.3418, 26.0311



42.4950, -0.7370, 3.0739



34.6510, -17.0829, 66.0811



74.3850, -36.6718, 142.6134

Inverse Universe

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



70.4010, 11.6343, -45.0787



85.2560, 18.1148, -70.3845



48.6820, 22.3418, -26.0311



44.5050, 0.7370, -3.0739



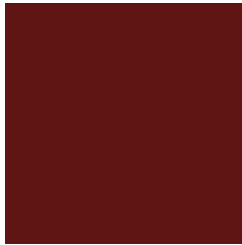
75.3490, 17.0829, -66.0811



162.6150, 36.6718, -142.6134

Previews

White Background



This preview shows how the YUV color 42.5990, -11.6343, 45.0787 looks on a white background.

Color Contrast Check

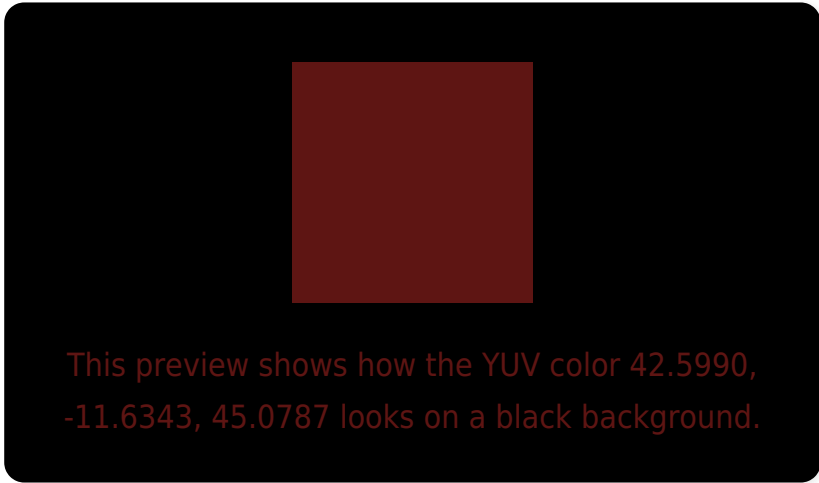
Large Text (above 18pt) WCAG AA ✓ Pass

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

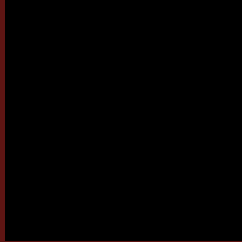
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.5990, -11.6343, 45.0787

Background



This preview shows how black text looks on a background with the YUV color 42.5990, -11.6343, 45.0787.

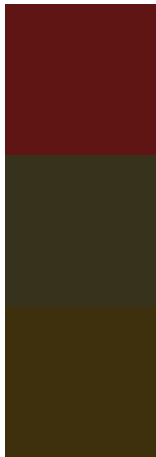


This preview shows how white text looks on a background with the YUV color 42.5990, -11.6343,

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

42.5990, -11.6343, 45.0787

Protanopia

48.8730, -10.7834, 5.3734

Deuteranopia

48.4950, -17.4990, 12.7209



Tritanopia

42.8270, -10.7607, 44.8787

Trichromacy



Original Color

42.5990, -11.6343, 45.0787

Protanomaly

46.2600, -10.9742, 19.9430

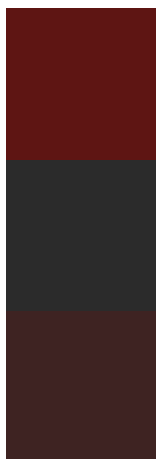
Deuteranomaly

46.1420, -15.3530, 24.4315

Tritanomaly

42.7130, -11.1975, 44.9787

Monochromacy



Original Color

42.5990, -11.6343, 45.0787

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9590, -4.4168, 16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.5990, -11.6343, 45.0787 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, 21, 19)` looks like.

```
.text, #text, p{  
    color:rgb(94, 21, 19)  
}
```

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, 21, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 21, 19) }
```

Border

The CSS property to change the border of an element to YUV 42.5990, -11.6343, 45.0787 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, 21, 19) }
```


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

```
.border{ border-color:rgb(94, 21, 19) }
```

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

Here you see how a box with a 4 pixel rgb(94, 21, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 21, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 21, 19);  
box-shadow:4px 4px 4px 4px rgb(94, 21, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.5990, -11.6343, 45.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 21, 19) }
```

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

```
.background{ background-color: rgb(94, 21,  
19) }
```

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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