

Converting Colors

YUV(53.9900, -11.3341,
42.1048)

Have a look what the booklet for
YUV(53.9900, -11.3341, 42.1048)
contains.

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Color

**YUV(53.9900, -11.3341,
42.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	66221F
RGB	102, 34, 31
RGB Percent	40%, 13%, 12%
CMY	0.6000, 0.8667, 0.8784
CMYK	0.00, 0.67, 0.70, 0.60
HSL	3°, 53%, 26%
HSV	3°, 70%, 40%
XYZ	6.2988, 4.0678, 1.7495
YIQ	53.9900, 41.4910, 13.4830

Conversions

Conversions Part 2

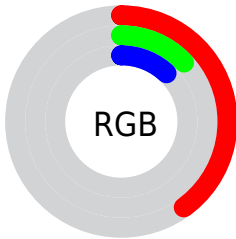
Format	Color
R_{YB}	102, 34, 31
Decimal	6693407
CIE Lab	23.89, 30.38, 18.32
CIE LCh	24, 35.474, 31.085
Yxy	4.0678, 0.5199, 0.3357
Android (android.graphics.Color)	4284883487 (0xFF66221F)
YUV	53.9900, -11.3341, 42.1048
Hunter-Lab	20.1687, 20.4517, 8.9751

Details

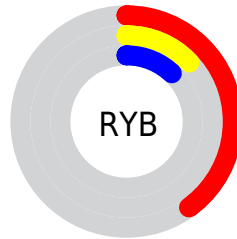
The YUV color **53.9900, -11.3341, 42.1048** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.0100, 11.3341, -42.1048**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6270, -14.1131, 46.8081**, and **14.9500, -7.3703, 30.7388** is the 20% darker color. If you saturate the color by 10%, you get **46.9800, -12.8081, 48.2525**, and if you desaturate by 10%, it is **61.0000, -9.8600, 35.9570**.

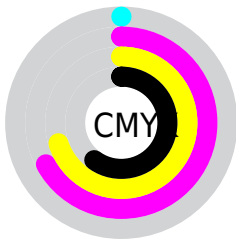
Distribution



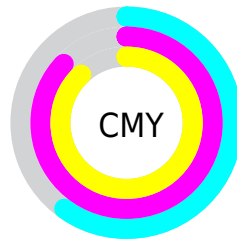
- Red (40%)
- Green (13%)
- Blue (12%)



- Red (40%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (67%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9900, -11.3341, 42.1048 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 53.9900, -11.3341, 42.1048 by changing the saturation by 10% instead.

■ 53.9900, -11.3341,
42.1048

■ 53.9900, -11.3341,
42.1048

■ 255.0000, 0.0000,
0.0000

■ 28.0330, -9.8763,
41.1901

■ 103.6270,
-14.1131, 46.8081

■ 14.9500, -7.3703,
30.7388

■ 129.7090,
-15.1395, 49.3672

■ 3.2890, -1.6215,
6.7625

■ 156.4920,
-16.0186, 51.3115

■ 0.0000, 0.0000,
0.0000

■ 184.2750,
-16.8976, 53.2558

■ 206.0780,
-14.8285, 42.9046

■ 225.7060,

-10.7011, 25.6908

245.9210, -6.8631,
7.9623

53.9900, -11.3341,
42.1048

53.9900, -11.3341,
42.1048

46.9800, -12.8081,
48.2525

61.0000, -9.8600,
35.9570

39.9700, -14.2822,
54.4003

68.0100, -8.3859,
29.8092

33.4330, -16.4825,
60.1333

74.5470, -6.1857,
24.0763

32.8460, -16.1931,
60.6481

81.5570, -4.7116,
17.9285

88.5670, -3.2375,
11.7807

■ 95.5770, -1.7635,
5.6330

■ 102.0000, 0.0000,
0.0000

■ 109.1240, 1.9109,
-6.2477

■ 116.1340, 3.3849,
-12.3955

Harmonies

Analogous

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



54.3180, 1.3222, 42.6941



53.9900, -11.3341, 42.1048



53.8240, -23.0842, 30.8494

Triad

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



53.9900, -11.3341, 42.1048



42.7490, -6.2853, -37.4909



47.7600, 30.6843, -41.8855

Complementary

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



53.9900, -11.3341, 42.1048



79.0100, 11.3341, -42.1048

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.



50.4840, 25.8904, -44.2745



53.9900, -11.3341, 42.1048



47.0010, 4.9295, -41.2199

Square

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



53.9900, -11.3341, 42.1048



49.9950, -22.6755, -7.0116



50.0790, 16.7231, -43.9193



57.5480, 22.4078, -0.4806

Rectangle

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



53.9900, -11.3341, 42.1048



53.8350, -26.5407, 19.4387



50.0790, 16.7231, -43.9193



48.9340, 30.1055, -42.9151

Sweetspot

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



53.9900, -11.3341, 42.1048



113.9590, -4.4168, 16.6990



60.0950, 19.6732, 36.7507



54.7840, -2.3585, 9.8364



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



53.9900, -11.3341, 42.1048



57.4230, -17.9565, 66.2810



74.5350, -21.4628, 24.0868



47.4950, -0.7370, 3.0739



37.3200, -18.3988, 68.1254



78.2280, -38.5664, 143.6280

Inverse Universe

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



79.0100, 11.3341, -42.1048



96.5770, 17.9565, -66.2810



58.4650, 21.4628, -24.0868



49.5050, 0.7370, -3.0739



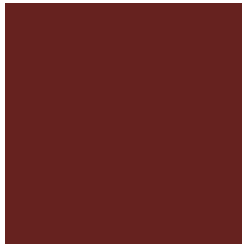
77.6800, 18.3988, -68.1254



163.7720, 38.5664, -143.6280

Previews

White Background



This preview shows how the YUV color 53.9900, -11.3341, 42.1048 looks on a white background.

Color Contrast Check

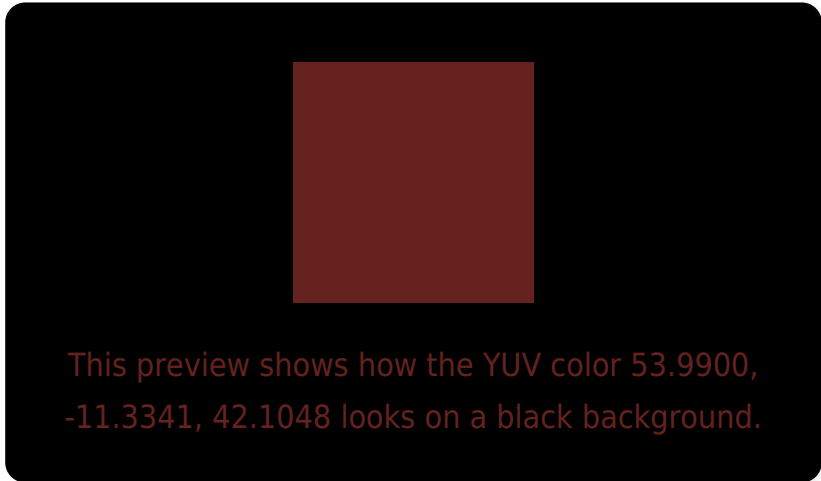
Large Text (above 18pt) WCAG AA ✓ Pass

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

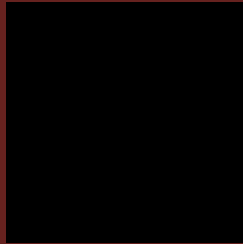
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.9900, -11.3341, 42.1048

Background



This preview shows how black text looks on a background with the YUV color 53.9900, -11.3341, 42.1048.

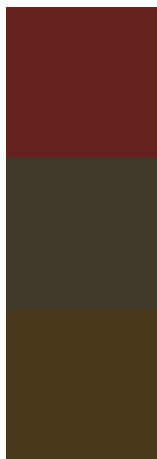


This preview shows how white text looks on a background with the YUV color 53.9900, -11.3341,

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

53.9900, -11.3341, 42.1048

Protanopia

57.4430, -8.5994, 4.8735

Deuteranopia

56.8910, -14.7363, 13.2506



Tritanopia

53.8590, -9.2975, 42.2197

Trichromacy



Original Color

53.9900, -11.3341, 42.1048

Protanomaly

56.0040, -9.3690, 18.4135

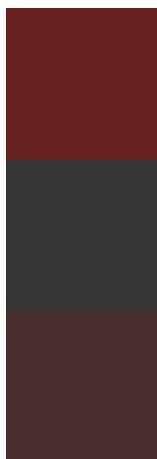
Deuteranomaly

55.5980, -13.6058, 24.0316

Tritanomaly

53.7450, -9.7343, 42.3196

Monochromacy



Original Color

53.9900, -11.3341, 42.1048

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0620, -3.9746, 14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9900, -11.3341, 42.1048 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(102, 34, 31)` looks like.

```
.text, #text, p{  
    color:rgb(102, 34, 31)  
}
```

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(102, 34, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 34, 31) }
```

Border

The CSS property to change the border of an element to YUV 53.9900, -11.3341, 42.1048 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(102, 34, 31) }
```


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

```
.border{ border-color:rgb(102, 34, 31) }
```

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

Here you see how a box with a 4 pixel rgb(102, 34, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 34, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 34, 31);  
box-shadow:4px 4px 4px 4px rgb(102, 34,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 53.9900, -11.3341, 42.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 34, 31) }
```

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

```
.background{ background-color: rgb(102, 34,  
31) }
```

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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