

Converting Colors

YUV(54.5300, -6.6703, 86.3582)

Have a look what the booklet for
YUV(54.5300, -6.6703, 86.3582)
contains.

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Color

**YUV(54.5300, -6.6703,
86.3582)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 990729 |
| RGB | 153, 7, 41 |
| RGB Percent | 60%, 3%, 16% |
| CMY | 0.4000, 0.9725, 0.8392 |
| CMYK | 0.00, 0.95, 0.73, 0.40 |
| HSL | 346°, 91%, 31% |
| HSV | 346°, 95%, 60% |
| XYZ | 13.6131, 7.0844, 2.7477 |
| YIQ | 54.5300, 76.1020, 41.5260 |

Conversions

Conversions Part 2

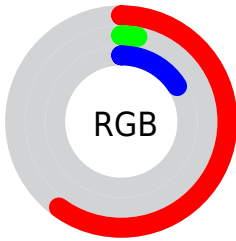
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 153, 7, 41 |
| Decimal | 10028841 |
| CIE Lab | 32.00, 54.71, 24.09 |
| CIE LCh | 32, 59.784, 23.765 |
| Yxy | 7.0844, 0.5806, 0.3022 |
| Android (android.graphics.Color) | 4288218921 (0xFF990729) |
| YUV | 54.5300, -6.6703, 86.3582 |
| Hunter-Lab | 26.6165, 44.7157, 12.5107 |

Details

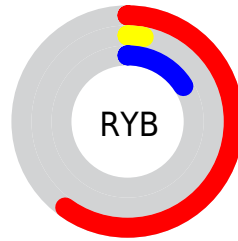
The YUV color **54.5300, -6.6703, 86.3582** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **105.4700, 6.6703, -86.3582**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4020, -15.9742, 83.8394**, and **28.1060, -13.8563, 57.7890** is the 20% darker color. If you saturate the color by 10%, you get **49.8510, -6.8285, 90.4617**, and if you desaturate by 10%, it is **64.7030, -5.7696, 77.4365**.

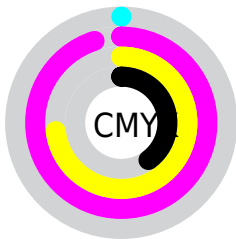
Distribution



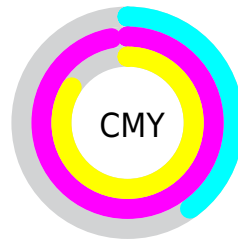
- Red (60%)
- Green (3%)
- Blue (16%)



- Red (60%)
- Yellow (3%)
- Blue (16%)



- Cyan (0%)
- Magenta (95%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5300, -6.6703, 86.3582 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 54.5300, -6.6703, 86.3582 by changing the saturation by 10% instead.

■ 54.5300, -6.6703,
86.3582

■ 54.5300, -6.6703,
86.3582

■ 255.0000, 0.0000,
0.0000

■ 39.1710, -8.9583,
73.5180

■ 118.4020,
-15.9742, 83.8394

■ 28.1060, -13.8563,
57.7890

■ 146.8430,
-18.1636, 86.0837

■ 19.6630, -8.7079,
39.7605

■ 168.6460,
-16.0945, 75.7325

■ 10.2800, -4.5750,
20.8024

■ 188.0460,
-12.8407, 58.7187

■ 0.0000, 0.0000,
0.0000

■ 208.1470, -9.4395,
41.0901

■ 227.7750, -5.3121,

23.8763

248.5770, -1.7635,
5.6330

54.5300, -6.6703,
86.3582

54.5300, -6.6703,
86.3582

49.8510, -6.8285,
90.4617

64.7030, -5.7696,
77.4365

75.3490, -5.5951,
68.0999

85.5220, -4.6943,
59.1782

95.6950, -3.7936,
50.2565

106.4550, -3.1823,
40.8200

■ 116.5140, -2.7184,
31.9982

■ 126.6870, -1.8177,
23.0765

■ 136.8600, -0.9170,
14.1548

■ 147.6200, -0.3057,
4.7183

Harmonies

Analogous

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



55.0670, 15.7430, 84.1332



54.5300, -6.6703, 86.3582



67.6550, -33.3539, 58.1846

Triad

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



54.5300, -6.6703, 86.3582



54.3290, -22.8402, -47.6465



69.2750, 49.6574, -60.7542

Complementary

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



54.5300, -6.6703, 86.3582



105.4700, 6.6703, -86.3582

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.



71.8050, 39.0431, -62.9730



54.5300, -6.6703, 86.3582



62.4740, 0.7523, -54.7897

Square

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



54.5300, -6.6703, 86.3582



66.3510, -32.7110, -8.2008



68.5330, 21.4292, -60.1034



68.9740, 46.3548, -28.0412

Rectangle

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



54.5300, -6.6703, 86.3582



71.3550, -35.1780, 36.5227



68.5330, 21.4292, -60.1034



70.6940, 47.4789, -61.9986

Sweetspot

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



54.5300, -6.6703, 86.3582



159.9380, -2.4344, 34.2574



57.1320, 47.2629, 54.2582



76.0780, -1.5175, 20.1026



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



54.5300, -6.6703, 86.3582



64.7450, -9.2413, 117.7416



73.5470, -32.8077, 69.6803



71.6200, -0.3057, 4.7183



45.6220, -6.2226, 82.7695



4.2290, -0.6059, 7.6922

Inverse Universe

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



54.5300, -6.6703, 86.3582



64.7450, -9.2413, 117.7416



86.4530, 32.8077, -69.6803



71.6200, -0.3057, 4.7183



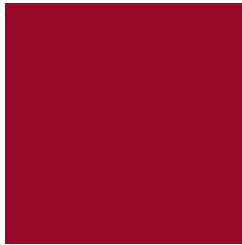
45.6220, -6.2226, 82.7695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 54.5300, -6.6703, 86.3582 looks on a white background.

Color Contrast Check

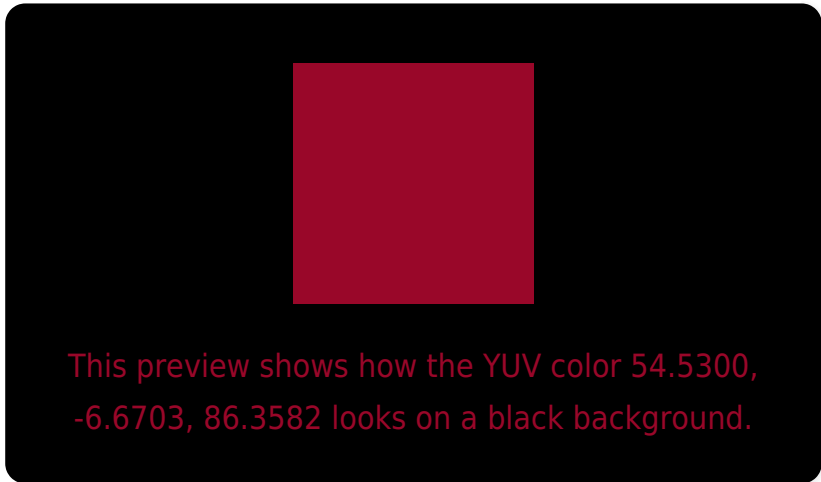
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5300, -6.6703, 86.3582

Background



This preview shows how black text looks on a background with the YUV color 54.5300, -6.6703, 86.3582.



This preview shows how white text looks on a background with the YUV color 54.5300, -6.6703,

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

54.5300, -6.6703, 86.3582

Protanopia

77.5570, -8.1626, 4.7735

Deuteranopia

76.2030, -21.2991, 18.2390



Tritanopia

57.6100, -21.4997, 82.7800

Trichromacy



Original Color

54.5300, -6.6703, 86.3582

Protanomaly

68.9720, -7.3812, 34.2276

Deuteranomaly

68.4370, -15.9914, 42.5898

Tritanomaly

56.4020, -15.9742, 83.8394

Monochromacy



Original Color

54.5300, -6.6703, 86.3582

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2150, -2.5710, 31.3834

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5300, -6.6703, 86.3582 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(153, 7, 41)` looks like.

```
.text, #text, p{  
    color:rgb(153, 7, 41)  
}
```

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(153, 7, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 7, 41) }
```

Border

The CSS property to change the border of an element to YUV 54.5300, -6.6703, 86.3582 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(153, 7, 41) }
```


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

```
.border{ border-color:rgb(153, 7, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 7, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 7, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 7, 41);  
box-shadow:4px 4px 4px 4px rgb(153, 7, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.5300, -6.6703, 86.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 7, 41) }
```

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

```
.background{ background-color: rgb(153, 7,  
41) }
```

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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