

Converting Colors

YUV(53.4980, 25.3905, 69.7233)

Have a look what the booklet for
YUV(53.4980, 25.3905, 69.7233)
contains.

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Color

**YUV(53.4980, 25.3905,
69.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	850369
RGB	133, 3, 105
RGB Percent	52%, 1%, 41%
CMY	0.4784, 0.9882, 0.5882
CMYK	0.00, 0.98, 0.21, 0.48
HSL	313°, 96%, 27%
HSV	313°, 98%, 52%
XYZ	12.2552, 6.0716, 13.8906
YIQ	53.4980, 44.7380, 59.2820

Conversions

Conversions Part 2

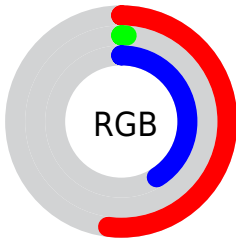
Format	Color
RYB	133, 3, 105
Decimal	8717161
CIELab	29.59, 56.08, -22.07
CIElCh	30, 60.268, 338.514
Yxy	6.0716, 0.3804, 0.1885
Android (android.graphics.Color)	4286907241 (0xFF850369)
YUV	53.4980, 25.3905, 69.7233
Hunter-Lab	24.6406, 45.6576, -16.1751

Details

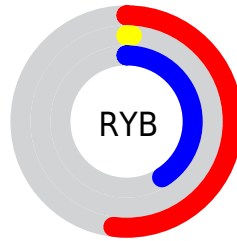
The YUV color **53.4980, 25.3905, 69.7233** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **82.5020, -25.3905, -69.7233**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5590, 19.4444, 63.5308**, and **30.1190, 13.2523, 42.8686** is the 20% darker color. If you saturate the color by 10%, you get **51.6230, 25.8219, 71.3676**, and if you desaturate by 10%, it is **61.4710, 22.9388, 62.7309**.

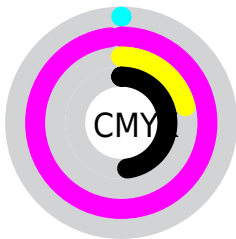
Distribution



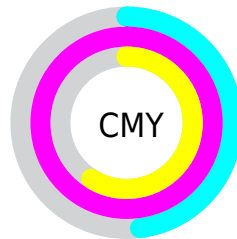
- Red (52%)
- Green (1%)
- Blue (41%)



- Red (52%)
- Yellow (1%)
- Blue (41%)



- Cyan (0%)
- Magenta (98%)
- Yellow (21%)
- Black (48%)



- Cyan (48%)
- Magenta (99%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.4980, 25.3905, 69.7233 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 53.4980, 25.3905, 69.7233 by changing the saturation by 10% instead.

■ 53.4980, 25.3905,
69.7233

■ 53.4980, 25.3905,
69.7233

255.0000, 0.0000,
0.0000

■ 40.9280, 19.7555,
57.0681

■ 117.5590, 19.4444,
63.5308

■ 30.1190, 13.2523,
42.8686

■ 145.0430, 18.7128,
64.8603

■ 20.5490, 7.6173,
30.2135

■ 173.3420, 18.5654,
65.4751

■ 7.5330, 1.7092,
11.8106

■ 195.1770, 22.0977,
52.4648

■ 0.0000, 0.0000,
0.0000

■ 213.3230, 20.5468,
36.5507

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

53.4980, 25.3905,
69.7233

53.4980, 25.3905,
69.7233

51.6230, 25.8219,
71.3676

61.4710, 22.9388,
62.7309

70.0310, 20.1977,
55.2238

78.0040, 17.7460,
48.2315

85.8630, 14.8575,
41.3391

94.4230, 12.1165,
33.8320

■ 102.3960, 9.6648,
26.8397

■ 110.3690, 7.2131,
19.8474

■ 118.3420, 4.7614,
12.8551

■ 126.9020, 2.0203,
5.3479

Harmonies

Analogous

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



70.2950, 36.3366, 12.0193



53.4980, 25.3905, 69.7233



50.9780, 3.9548, 85.0883

Triad

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



53.4980, 25.3905, 69.7233



64.3900, -31.7443, 8.4280



66.2480, 30.4437, -58.0995

Complementary

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



53.4980, 25.3905, 69.7233



82.5020, -25.3905, -69.7233

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.



61.5910, 10.0616, -54.0153



53.4980, 25.3905, 69.7233



52.3200, -25.7938, -33.6066

Square

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



53.4980, 25.3905, 69.7233



65.4850, -32.2841, 41.6707



54.7170, -11.1995, -47.9868



67.3200, 44.7052, -59.0396

Rectangle

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



53.4980, 25.3905, 69.7233



46.9490, -8.8489, 85.1137



54.7170, -11.1995, -47.9868



65.2390, 24.0392, -57.2146

Sweetspot

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



53.4980, 25.3905, 69.7233



142.5100, 10.1016, 26.7397



25.5940, 52.9512, 2.9871



68.0050, 5.9135, 16.6586



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



53.4980, 25.3905, 69.7233



67.2310, 33.9031, 92.7594



46.3160, -2.1278, 76.0219



62.3640, 1.2995, 3.1888



50.4980, 25.3905, 69.7233



1.1250, 0.4314, 1.6444

Inverse Universe

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



53.4980, 25.3905, 69.7233



67.2310, 33.9031, 92.7594



89.6840, 2.1278, -76.0219



62.3640, 1.2995, 3.1888



50.4980, 25.3905, 69.7233



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 53.4980, 25.3905, 69.7233 looks on a white background.

Color Contrast Check

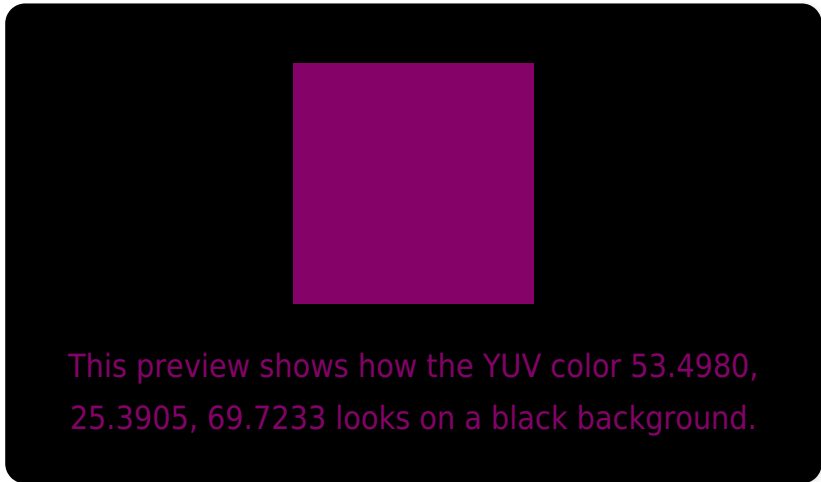
Large Text (above 18pt) WCAG AA ✓ Pass

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

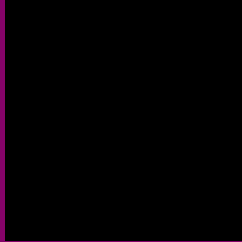
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.4980, 25.3905, 69.7233

Background



This preview shows how black text looks on a background with the YUV color 53.4980, 25.3905, 69.7233.



This preview shows how white text looks on a background with the YUV color 53.4980, 25.3905,

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

53.4980, 25.3905, 69.7233

Protanopia

60.7670, 43.4989, -45.3997

Deuteranopia

72.8710, 12.3886, -6.9029



Tritanopia

67.3550, -11.5140, 53.1857

Trichromacy



Original Color

53.4980, 25.3905, 69.7233

Protanomaly

58.3100, 36.8222, -3.7799

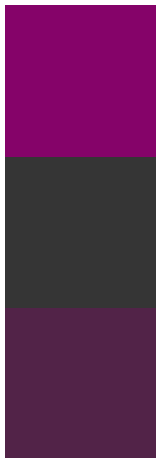
Deuteranomaly

66.0130, 17.2486, 21.0366

Tritanomaly

62.2430, 1.8522, 59.4229

Monochromacy



Original Color

53.4980, 25.3905, 69.7233

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2710, 9.2334, 25.1953

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.4980, 25.3905, 69.7233 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(133, 3, 105)` looks like.

```
.text, #text, p{  
    color:rgb(133, 3, 105)  
}
```

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(133, 3, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 3, 105) }
```

Border

The CSS property to change the border of an element to YUV 53.4980, 25.3905, 69.7233 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(133, 3, 105) }
```


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

```
.border{ border-color:rgb(133, 3, 105) }
```

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

Here you see how a box with a 4 pixel rgb(133, 3, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 3, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 3, 105);  
box-shadow:4px 4px 4px 4px rgb(133, 3,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 53.4980, 25.3905, 69.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 3, 105) }
```

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

```
.background{ background-color: rgb(133, 3,  
105) }
```

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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