

Converting Colors

YUV(65.4900, 7.1534, 39.0353)

Have a look what the booklet for
YUV(65.4900, 7.1534, 39.0353)
contains.

YUV(65.4900, 7.1534, 39.0353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(65.4900, 7.1534,
39.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2850
RGB	110, 40, 80
RGB Percent	43%, 16%, 31%
CMY	0.5686, 0.8431, 0.6863
CMYK	0.00, 0.64, 0.27, 0.57
HSL	326°, 47%, 29%
HSV	326°, 64%, 43%
XYZ	8.6372, 5.4118, 8.1788
YIQ	65.4900, 28.8800, 27.2800

Conversions

Conversions Part 2

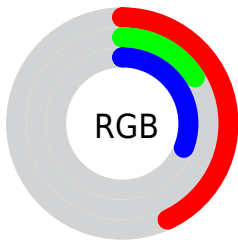
Format	Color
R_{YB}	110, 40, 80
Decimal	7219280
CIE _{Lab}	27.88, 35.67, -8.74
CIE _{LCh}	28, 36.721, 346.237
Yxy	5.4118, 0.3886, 0.2435
Android (android.graphics.Color)	4285409360 (0xFF6E2850)
YUV	65.4900, 7.1534, 39.0353
Hunter-Lab	23.2632, 25.5629, -4.5606

Details

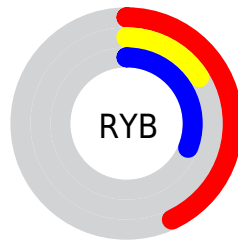
The YUV color **65.4900, 7.1534, 39.0353** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.5100, -7.1534, -39.0353**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5720, 6.1270, 41.5944**, and **21.7450, 7.0277, 32.6726** is the 20% darker color. If you saturate the color by 10%, you get **58.4630, 8.1527, 45.1979**, and if you desaturate by 10%, it is **72.5170, 6.1541, 32.8726**.

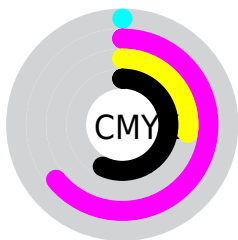
Distribution



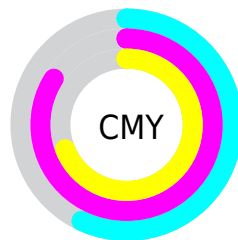
- Red (43%)
- Green (16%)
- Blue (31%)



- Red (43%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (64%)
- Yellow (27%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.4900, 7.1534, 39.0353 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 65.4900, 7.1534, 39.0353 by changing the saturation by 10% instead.

65.4900, 7.1534,
39.0353

65.4900, 7.1534,
39.0353

255.0000, 0.0000,
0.0000

39.8320, 8.4638,
38.7353

116.5720, 6.1270,
41.5944

21.7450, 7.0277,
32.6726

142.5830, 6.1216,
43.3387

12.8440, 0.0769,
22.0618

169.2950, 6.2636,
44.4683

0.0000, 0.0000,
0.0000

197.3060, 6.2581,
46.2126

218.4290, 9.6485,
32.0728

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 65.4900, 7.1534,
39.0353

■ 65.4900, 7.1534,
39.0353

■ 58.4630, 8.1527,
45.1979

■ 72.5170, 6.1541,
32.8726

■ 51.5500, 9.5888,
51.2606

■ 79.4300, 4.7180,
26.8099

■ 44.5230, 10.5882,
57.4233

■ 86.4570, 3.7187,
20.6472

■ 40.0720, 11.3035,
61.3269

■ 93.4840, 2.7194,
14.4845

■ 100.5110, 1.7201,
8.3219

■ 107.4240, 0.2840,
2.2592

■ 114.4510, -0.7153,
-3.9035

■ 121.4780, -1.7147,
-10.0662

■ 128.3910, -3.1508,
-16.1289

Harmonies

Analogous

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



67.6210, 18.4278, 16.1184



65.4900, 7.1534, 39.0353



63.5050, -5.6720, 46.0381

Triad

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



65.4900, 7.1534, 39.0353



60.2800, -28.2390, 4.1394



57.8700, 23.7281, -50.7520

Complementary

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



65.4900, 7.1534, 39.0353



84.5100, -7.1534, -39.0353

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.



55.6070, 12.5187, -48.7673



65.4900, 7.1534, 39.0353



56.3290, -15.9382, -21.3365

Square

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



65.4900, 7.1534, 39.0353



62.7000, -28.4461, 23.9421



51.6000, -0.2958, -45.2532



56.6450, 31.7270, -49.6777

Rectangle

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



65.4900, 7.1534, 39.0353



63.4910, -14.5391, 43.4194



51.6000, -0.2958, -45.2532



56.9580, 20.2337, -49.9522

Sweetspot

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



65.4900, 7.1534, 39.0353



125.7830, 2.5720, 15.0993



56.6510, 26.3011, 10.8301



60.8100, 1.5727, 8.9366



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



65.4900, 7.1534, 39.0353



73.6590, 11.0141, 60.8121



61.6140, -7.6977, 42.4345



52.2500, 0.8628, 3.2888



43.6320, 12.0134, 66.9747



89.9270, 25.1790, 137.7530

Inverse Universe

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



65.4900, 7.1534, 39.0353



73.6590, 11.0141, 60.8121



88.3860, 7.6977, -42.4345



52.2500, 0.8628, 3.2888



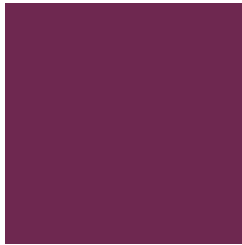
43.6320, 12.0134, 66.9747



89.9270, 25.1790, 137.7530

Previews

White Background



This preview shows how the YUV color 65.4900, 7.1534, 39.0353 looks on a white background.

Color Contrast Check

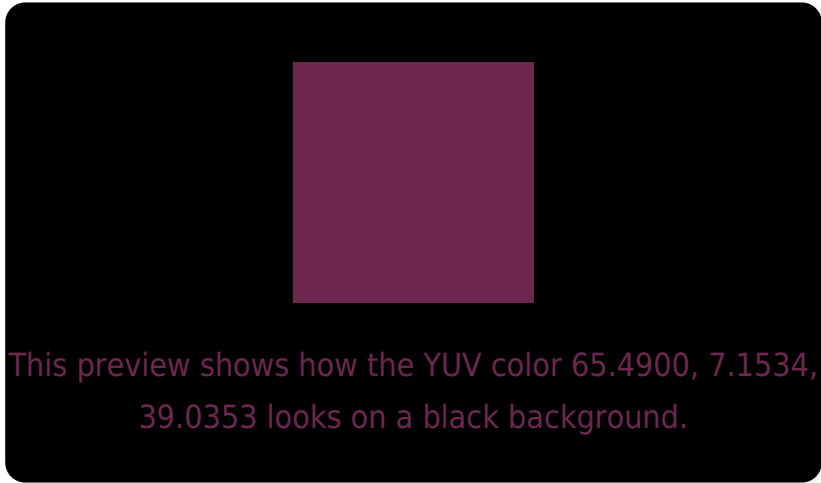
Large Text (above 18pt) WCAG AA ✓ Pass

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

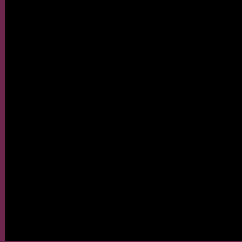
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.4900, 7.1534, 39.0353

Background



This preview shows how black text looks on a background with the YUV color 65.4900, 7.1534, 39.0353.



This preview shows how white text looks on a background with the YUV color 65.4900, 7.1534,

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

65.4900, 7.1534, 39.0353

Protanopia

66.7720, 15.8884, -9.4470

Deuteranopia

67.4500, 4.2151, 1.3593



Tritanopia

65.2820, -7.5340, 36.5867

Trichromacy



Original Color

65.4900, 7.1534, 39.0353

Protanomaly

66.6710, 12.4872, 8.1815

Deuteranomaly

66.7660, 5.0454, 15.1142

Tritanomaly

65.0740, -2.0085, 37.6461

Monochromacy



Original Color

65.4900, 7.1534, 39.0353

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4900, 7.1534, 39.0353 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(110, 40, 80)` looks like.

```
.text, #text, p{  
    color:rgb(110, 40, 80)  
}
```

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(110, 40, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 40, 80) }
```

Border

The CSS property to change the border of an element to YUV 65.4900, 7.1534, 39.0353 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(110, 40, 80) }
```


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

```
.border{ border-color:rgb(110, 40, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 40, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 40, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 40, 80);  
box-shadow:4px 4px 4px 4px rgb(110, 40,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 65.4900, 7.1534, 39.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 40, 80) }
```

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

```
.background{ background-color: rgb(110, 40,  
80) }
```

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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