

Converting Colors

YUV(63.2190, 8.2730, 53.3049)

Have a look what the booklet for
YUV(63.2190, 8.2730, 53.3049)
contains.

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Color

**YUV(63.2190, 8.2730,
53.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1D50
RGB	124, 29, 80
RGB Percent	49%, 11%, 31%
CMY	0.5137, 0.8863, 0.6863
CMYK	0.00, 0.77, 0.35, 0.51
HSL	328°, 62%, 30%
HSV	328°, 77%, 49%
XYZ	10.1995, 5.7430, 8.1604
YIQ	63.2190, 40.2490, 36.0010

Conversions

Conversions Part 2

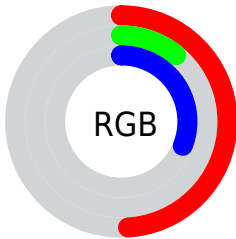
Format	Color
R_{YB}	124, 29, 80
Decimal	8133968
CIE _{Lab}	28.75, 44.69, -7.16
CIE _{LCh}	29, 45.264, 350.899
Yxy	5.7430, 0.4232, 0.2383
Android (android.graphics.Color)	4286324048 (0xFF7C1D50)
YUV	63.2190, 8.2730, 53.3049
Hunter-Lab	23.9646, 34.0331, -3.4141

Details

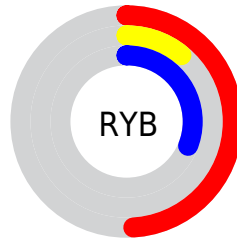
The YUV color **63.2190, 8.2730, 53.3049** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **89.7810, -8.2730, -53.3049**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2470, 5.7942, 55.0344**, and **25.3330, 5.2588, 40.0500** is the 20% darker color. If you saturate the color by 10%, you get **55.4910, 9.1249, 60.0824**, and if you desaturate by 10%, it is **70.9470, 7.4211, 46.5275**.

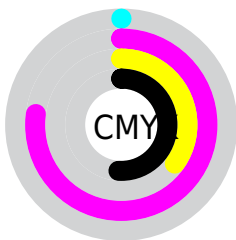
Distribution



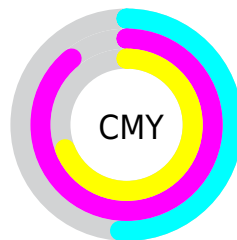
- Red (49%)
- Green (11%)
- Blue (31%)



- Red (49%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (77%)
- Yellow (35%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2190, 8.2730, 53.3049 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 63.2190, 8.2730, 53.3049 by changing the saturation by 10% instead.

63.2190, 8.2730,
53.3049

63.2190, 8.2730,
53.3049

255.0000, 0.0000,
0.0000

35.5010, 10.5990,
53.9346

117.2470, 5.7942,
55.0344

25.3330, 5.2588,
40.0500

144.1440, 5.3520,
56.8787

15.9480, -0.9604,
28.1096

171.1550, 5.3466,
58.6231


0.0000, 0.0000,
0.0000


195.8660, 6.9681,
51.8605


215.4940, 11.0955,
34.6468


233.8680, 10.4181,

18.5328


 250.8910, 2.0257,
3.6036


 63.2190, 8.2730,
53.3049


 63.2190, 8.2730,
53.3049

 55.4910, 9.1249,
60.0824


 70.9470, 7.4211,
46.5275


 47.2900, 10.7030,
67.2747

 79.1480, 5.8430,
39.3352

 44.7140, 10.9870,
69.5338

 86.8760, 4.9911,
32.5577

 95.1910, 3.8498,
25.2655

 102.9190, 2.9979,
18.4880

■ 110.5330, 1.7092,
11.8106

■ 118.8480, 0.5679,
4.5183

■ 126.5760, -0.2840,
-2.2592

■ 134.8910, -1.4253,
-9.5514

Harmonies

Analogous

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



69.3710, 21.0161, 25.9846



63.2190, 8.2730, 53.3049



61.0120, -7.8939, 58.7485

Triad

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



63.2190, 8.2730, 53.3049



60.7910, -29.9700, -0.6937



61.4550, 29.8487, -53.8960

Complementary

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



63.2190, 8.2730, 53.3049



89.7810, -8.2730, -53.3049

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.



59.2090, 16.1660, -51.9263



63.2190, 8.2730, 53.3049



49.7240, -15.1469, -41.8539

Square

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



63.2190, 8.2730, 53.3049



63.9020, -31.5037, 24.6419



55.1050, 0.4412, -48.3271



59.6430, 38.1370, -52.3069

Rectangle

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



63.2190, 8.2730, 53.3049



63.1670, -19.8023, 51.5965



55.1050, 0.4412, -48.3271



61.0160, 25.6281, -53.5110

Sweetspot

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



63.2190, 8.2730, 53.3049



137.3430, 3.2819, 20.7472



52.6870, 35.1573, 16.9375



67.2450, 1.8512, 12.9401



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



63.2190, 8.2730, 53.3049



66.2580, 12.6908, 83.0887



57.9750, -11.8197, 57.9039



57.1360, 0.4260, 3.3887



45.0130, 10.8396, 70.1486



90.8520, 22.2580, 141.3268

Inverse Universe

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



63.2190, 8.2730, 53.3049



66.2580, 12.6908, 83.0887



95.0250, 11.8197, -57.9039



57.1360, 0.4260, 3.3887



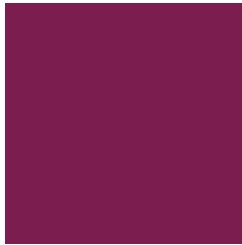
45.0130, 10.8396, 70.1486



90.8520, 22.2580, 141.3268

Previews

White Background



This preview shows how the YUV color 63.2190, 8.2730, 53.3049 looks on a white background.

Color Contrast Check

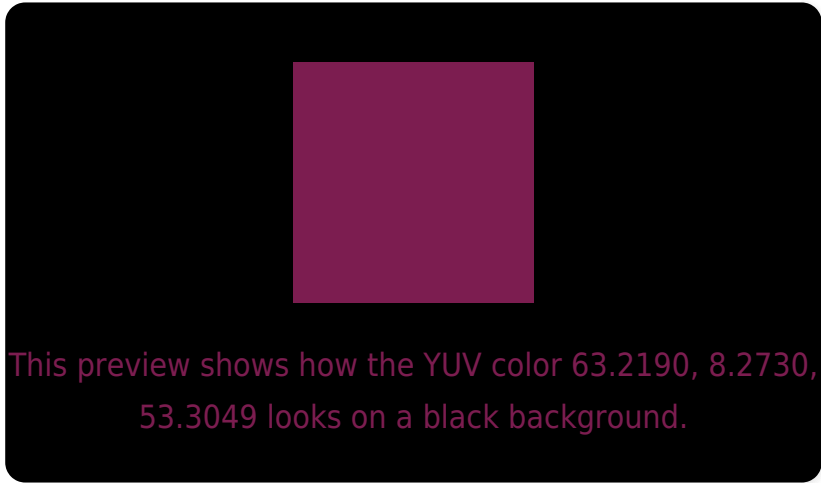
Large Text (above 18pt) WCAG AA ✓ Pass

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

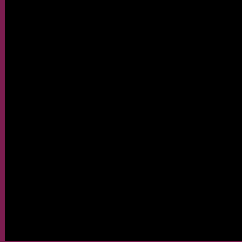
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2190, 8.2730, 53.3049

Background



This preview shows how black text looks on a background with the YUV color 63.2190, 8.2730, 53.3049.



This preview shows how white text looks on a background with the YUV color 63.2190, 8.2730,

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

63.2190, 8.2730, 53.3049

Protanopia

68.7440, 18.3672, -11.1765

Deuteranopia

69.7060, 2.6099, 2.8888



Tritanopia

64.4470, -11.0664, 49.5970

Trichromacy



Original Color

63.2190, 8.2730, 53.3049

Protanomaly

66.9750, 14.8023, 12.2999

Deuteranomaly

67.3970, 4.7343, 21.5768

Tritanomaly

63.9940, -3.9410, 50.8713

Monochromacy



Original Color

63.2190, 8.2730, 53.3049

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2180, 2.8505, 19.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2190, 8.2730, 53.3049 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(124, 29, 80)` looks like.

```
.text, #text, p{  
    color:rgb(124, 29, 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(124, 29, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 29, 80) }
```

Border

The CSS property to change the border of an element to YUV 63.2190, 8.2730, 53.3049 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(124, 29, 80) }
```


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

```
.border{ border-color:rgb(124, 29, 80) }
```

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

Here you see how a box with a 4 pixel rgb(124, 29, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 29, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 29, 80);  
box-shadow:4px 4px 4px 4px rgb(124, 29,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 63.2190, 8.2730, 53.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 29, 80) }
```

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

```
.background{ background-color: rgb(124, 29,  
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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