

Converting Colors

YUV(63.0570, 50.7509, 8.7200)

Have a look what the booklet for
YUV(63.0570, 50.7509, 8.7200)
contains.

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Color

**YUV(63.0570, 50.7509,
8.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	4926A6
RGB	73, 38, 166
RGB Percent	29%, 15%, 65%
CMY	0.7137, 0.8510, 0.3490
CMYK	0.56, 0.77, 0.00, 0.35
HSL	256°, 63%, 40%
HSV	256°, 77%, 65%
XYZ	10.3237, 5.5559, 36.6047
YIQ	63.0570, -20.2280, 47.2280

Conversions

Conversions Part 2

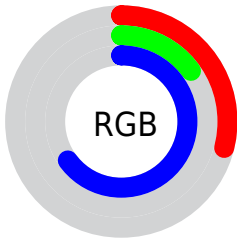
Format	Color
R_{YB}	73, 38, 166
Decimal	4794022
CIE _{Lab}	28.26, 47.77, -62.75
CIE _{LCh}	28, 78.867, 307.283
Yxy	5.5559, 0.1967, 0.1059
Android (android.graphics.Color)	4282984102 (0xFF4926A6)
YUV	63.0570, 50.7509, 8.7200
Hunter-Lab	23.5709, 36.9313, -75.5754

Details

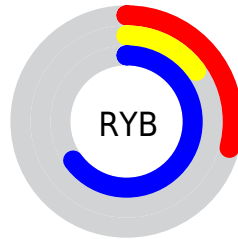
The YUV color **63.0570, 50.7509, 8.7200** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **140.9430, -50.7509, -8.7200**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5460, 52.4818, 13.5532**, and **12.8820, 49.3582, -11.2975** is the 20% darker color. If you saturate the color by 10%, you get **49.4900, 57.4394, 10.0943**, and if you desaturate by 10%, it is **76.6240, 44.0624, 7.3458**.

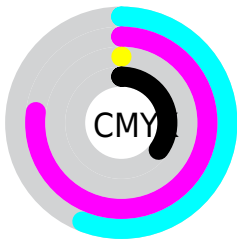
Distribution



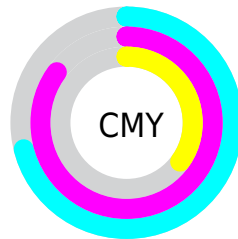
- Red (29%)
- Green (15%)
- Blue (65%)



- Red (29%)
- Yellow (15%)
- Blue (65%)



- Cyan (56%)
- Magenta (77%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0570, 50.7509, 8.7200 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 63.0570, 50.7509, 8.7200 by changing the saturation by 10% instead.

■ 63.0570, 50.7509,
8.7200

■ 63.0570, 50.7509,
8.7200

■ 255.0000, 0.0000,
0.0000

■ 34.8500, 51.3460,
4.5166

■ 115.5460, 52.4818,
13.5532

■ 12.8820, 49.3582,
-11.2975

■ 142.7850, 53.3500,
15.0976

■ 9.9180, 38.0014,
-8.6981

■ 167.1740, 43.2982,
19.1414

■ 10.7040, 25.7819,
-9.3874

■ 191.9930, 31.0625,
23.6851

■ 6.3210, 16.6037,
-5.5435

■ 217.3990, 18.5373,
27.7141

■ 2.6390, 7.5730,
-2.3144

■ 235.6290, 9.5499,

■ 0.0000, 0.0000,

16.9884

0.0000

252.6520, 1.1576,
2.0592

63.0570, 50.7509,
8.7200

63.0570, 50.7509,
8.7200

49.4900, 57.4394,
10.0943

76.6240, 44.0624,
7.3458

36.5100, 63.8386,
10.9537

89.6040, 37.6632,
6.4863

32.3790, 65.8752,
11.0686

103.1710, 30.9747,
5.1120

116.1510, 24.5756,
4.2526

129.7180, 17.8870,
2.8783

■ 143.2850, 11.1985,
1.5041

■ 156.2650, 4.7994,
0.6446

■ 169.8320, -1.8892,
-0.7297

■ 183.1110, -8.4357,
-0.9743

Harmonies

Analogous

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



64.0380, 62.5923, -56.1613



63.0570, 50.7509, 8.7200



56.4650, 28.8578, 77.6452

Triad

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



63.0570, 50.7509, 8.7200



60.5230, -29.8378, 50.4073



60.8900, 9.9142, -53.4005

Complementary

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



63.0570, 50.7509, 8.7200



140.9430, -50.7509, -8.7200

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.



51.7360, -20.0828, -45.3725



63.0570, 50.7509, 8.7200



61.7210, -30.4285, 6.3837

Square

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



63.0570, 50.7509, 8.7200



45.4480, -22.4059, 93.4461



47.5470, -23.4407, -41.6987



68.3170, 35.8327, -59.9140

Rectangle

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



63.0570, 50.7509, 8.7200



56.9880, 8.8799, 92.0955



47.5470, -23.4407, -41.6987



57.7950, 0.5941, -50.6862

Sweetspot

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



63.0570, 50.7509, 8.7200



176.8860, 19.7762, 3.6080



107.7700, 28.7074, -61.1883



84.9260, 12.3615, 1.8189



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



63.0570, 50.7509, 8.7200



54.4730, 80.1258, 13.6172



81.8940, 41.4643, 47.4510



77.5100, 3.1996, 0.4297



28.8320, 58.7498, 9.7943



4.0740, 7.8515, 1.6891

Inverse Universe

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



86.8740, 21.7541, 69.3935



92.1560, 34.4331, 109.4882



122.1060, -41.4643, -47.4510



79.0760, 1.4415, 4.3183



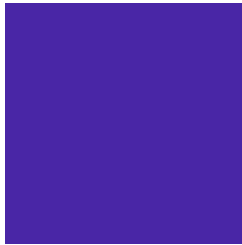
56.4500, 24.9212, 80.2894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 63.0570, 50.7509, 8.7200 looks on a white background.

Color Contrast Check

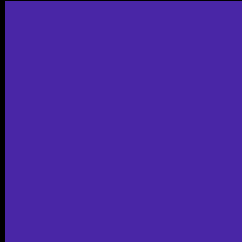
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 63.0570, 50.7509, 8.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

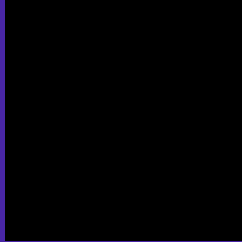
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0570, 50.7509, 8.7200

Background



This preview shows how black text looks on a background with the YUV color 63.0570, 50.7509, 8.7200.



This preview shows how white text looks on a background with the YUV color 63.0570, 50.7509,

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

63.0570, 50.7509, 8.7200

Protanopia

53.6590, 40.5941, -47.0589

Deuteranopia

53.8410, 31.1374, -47.2186



Tritanopia

63.1160, 7.3378, -20.2727

Trichromacy



Original Color

63.0570, 50.7509, 8.7200

Protanomaly

57.1160, 44.3128, -26.4117

Deuteranomaly

57.5090, 38.2031, -26.7564

Tritanomaly

63.3080, 23.0192, -9.9171

Monochromacy



Original Color

63.0570, 50.7509, 8.7200

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1310, 18.1764, 3.3931

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0570, 50.7509, 8.7200 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(73, 38, 166)` looks like.

```
.text, #text, p{  
    color:rgb(73, 38, 166)  
}
```

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(73, 38, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 38, 166) }
```

Border

The CSS property to change the border of an element to YUV 63.0570, 50.7509, 8.7200 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(73, 38, 166) }
```


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

```
.border{ border-color:rgb(73, 38, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 38, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 38, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 38, 166);  
box-shadow:4px 4px 4px 4px rgb(73, 38,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 63.0570, 50.7509, 8.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 38, 166) }
```

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

```
.background{ background-color: rgb(73, 38,  
166) }
```

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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