

Converting Colors

YUV(72.2720, 24.5159, 23.4405)

Have a look what the booklet for
YUV(72.2720, 24.5159, 23.4405)
contains.

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Color

**YUV(72.2720, 24.5159,
23.4405)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 63317A |
| RGB | 99, 49, 122 |
| RGB Percent | 39%, 19%, 48% |
| CMY | 0.6118, 0.8078, 0.5216 |
| CMYK | 0.19, 0.60, 0.00, 0.52 |
| HSL | 281°, 43%, 34% |
| HSV | 281°, 60%, 48% |
| XYZ | 9.7568, 6.2544, 19.1053 |
| YIQ | 72.2720, 6.3670, 33.3030 |

Conversions

Conversions Part 2

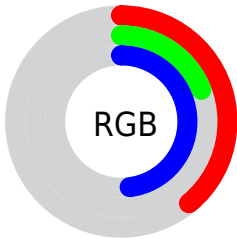
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 99, 49, 122 |
| Decimal | 6500730 |
| CIE _{Lab} | 30.05, 35.64, -32.58 |
| CIE _{LCh} | 30, 48.288, 317.570 |
| Y _{xy} | 6.2544, 0.2778, 0.1781 |
| Android (android.graphics.Color) | 4284690810 (0xFF63317A) |
| YUV | 72.2720, 24.5159, 23.4405 |
| Hunter-Lab | 25.0088, 25.8732, -27.7880 |

Details

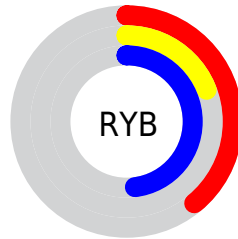
The YUV color **72.2720, 24.5159, 23.4405** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.7280, -24.5159, -23.4405**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9240, 25.6735, 25.4997**, and **22.9730, 24.6633, 22.8257** is the 20% darker color. If you saturate the color by 10%, you get **64.0320, 28.5782, 27.1589**, and if you desaturate by 10%, it is **80.5120, 20.4536, 19.7220**.

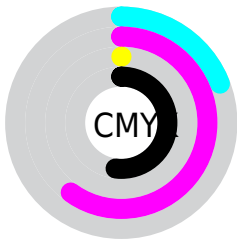
Distribution



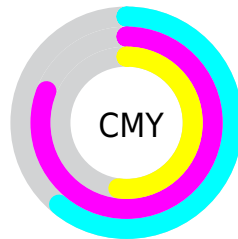
- Red (39%)
- Green (19%)
- Blue (48%)



- Red (39%)
- Yellow (19%)
- Blue (48%)



- Cyan (19%)
- Magenta (60%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (81%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2720, 24.5159, 23.4405 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 72.2720, 24.5159, 23.4405 by changing the saturation by 10% instead.

72.2720, 24.5159,
23.4405

72.2720, 24.5159,
23.4405

255.0000, 0.0000,
0.0000

47.8590, 24.2265,
22.9257

122.9240, 25.6735,
25.4997

22.9730, 24.6633,
22.8257

148.7500, 26.2523,
26.5293

14.9690, 17.2703,
14.0592

176.2770, 26.9784,
26.9441

3.7790, 11.9410,
-3.3142

203.5330, 25.3732,
28.4736

0.0000, 0.0000,
0.0000

225.6500, 14.4696,
25.7400

242.0860, 6.3666,

11.3256

■ 72.2720, 24.5159,
23.4405

■ 72.2720, 24.5159,
23.4405

■ 64.0320, 28.5782,
27.1589

■ 80.5120, 20.4536,
19.7220

■ 55.7920, 32.6405,
30.8774

■ 88.7520, 16.3913,
16.0035

■ 46.9650, 36.9923,
35.1107

■ 97.5790, 12.0396,
11.7702

■ 39.0240, 40.9072,
39.4440

■ 105.5200, 8.1246,
7.4370

■ 113.7600, 4.0623,
3.7185

■ 122.0000, 0.0000,
0.0000

■ 130.2400, -4.0623,
-3.7185

■ 139.0670, -8.4140,
-7.9518

■ 147.3070,
-12.4764, -11.6702

Harmonies

Analogous

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



62.7960, 39.5406, -35.7781



72.2720, 24.5159, 23.4405



65.6260, 11.0304, 55.5790

Triad

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



72.2720, 24.5159, 23.4405



66.8810, -32.9723, 29.0454



61.5570, 15.0084, -53.9855

Complementary

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



72.2720, 24.5159, 23.4405



98.7280, -24.5159, -23.4405

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.



56.5240, -1.7373, -49.5715



72.2720, 24.5159, 23.4405



64.3460, -31.7226, 1.4506

Square

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



72.2720, 24.5159, 23.4405



65.6740, -25.4753, 51.1519



53.3780, -20.3994, -37.1655



64.8460, 30.1489, -56.8699

Rectangle

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



72.2720, 24.5159, 23.4405



61.9340, 0.5255, 64.9559



53.3780, -20.3994, -37.1655



60.1890, 9.7668, -52.7858

Sweetspot

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



72.2720, 24.5159, 23.4405



138.8730, 9.4296, 8.8814



70.8230, 25.2303, -19.1388



67.5260, 5.6567, 5.6777



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



72.2720, 24.5159, 23.4405



80.3180, 38.2972, 36.5551



77.6670, 15.4472, 38.8800



56.8800, 2.0312, 1.8592



39.9640, 41.9227, 40.3736



80.4550, 84.5717, 81.1620

Inverse Universe

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



73.4490, -0.7144, 42.5792



82.1900, -1.0797, 66.4854



93.3330, -15.4472, -38.8800



57.0220, -0.0108, 3.4887



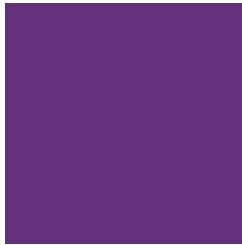
41.8210, -1.3908, 72.9480



84.4680, -2.2027, 146.9256

Previews

White Background



This preview shows how the YUV color 72.2720, 24.5159, 23.4405 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 72.2720, 24.5159, 23.4405 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 72.2720, 24.5159, 23.4405

Background



This preview shows how black text looks on a background with the YUV color 72.2720, 24.5159, 23.4405.



This preview shows how white text looks on a background with the YUV color 72.2720, 24.5159,

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

72.2720, 24.5159, 23.4405

Protanopia

63.5680, 38.6670, -35.5781

Deuteranopia

68.2740, 24.5149, -23.0423



Tritanopia

72.6430, -1.7960, 16.0991

Trichromacy



Original Color

72.2720, 24.5159, 23.4405

Protanomaly

67.0330, 33.5077, -14.0609

Deuteranomaly

69.9710, 24.1713, -6.1136

Tritanomaly

72.7710, 7.5079, 18.6178

Monochromacy



Original Color

72.2720, 24.5159, 23.4405

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3460, 8.7034, 8.4666

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2720, 24.5159, 23.4405 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(99, 49, 122)` looks like.

```
.text, #text, p{  
    color:rgb(99, 49, 122)  
}
```

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(99, 49, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 49, 122) }
```

Border

The CSS property to change the border of an element to YUV 72.2720, 24.5159, 23.4405 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(99, 49, 122) }
```


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

```
.border{ border-color:rgb(99, 49, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 49, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 49, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 49, 122);  
box-shadow:4px 4px 4px 4px rgb(99, 49,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 72.2720, 24.5159, 23.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 49, 122) }
```

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

```
.background{ background-color: rgb(99, 49,  
122) }
```

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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