

Converting Colors

YUV(72.7430, 46.9617, 10.7494)

Have a look what the booklet for
YUV(72.7430, 46.9617, 10.7494)
contains.

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Color

**YUV(72.7430, 46.9617,
10.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	5530A8
RGB	85, 48, 168
RGB Percent	33%, 19%, 66%
CMY	0.6667, 0.8118, 0.3412
CMYK	0.49, 0.71, 0.00, 0.34
HSL	258°, 56%, 42%
HSV	258°, 71%, 66%
XYZ	11.8711, 6.8724, 37.7466
YIQ	72.7430, -16.4680, 45.1640

Conversions

Conversions Part 2

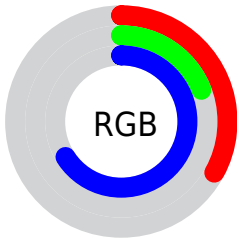
Format	Color
R_{YB}	85, 48, 168
Decimal	5583016
CIE _{Lab}	31.51, 45.13, -58.58
CIE _{LCh}	32, 73.944, 307.611
Yxy	6.8724, 0.2101, 0.1217
Android (android.graphics.Color)	4283773096 (0xFF5530A8)
YUV	72.7430, 46.9617, 10.7494
Hunter-Lab	26.2152, 34.9545, -67.0196

Details

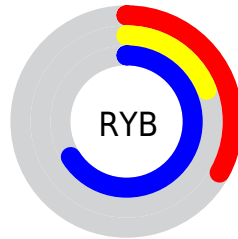
The YUV color **72.7430, 46.9617, 10.7494** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **143.2570, -46.9617, -10.7494**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9330, 48.8400, 14.9678**, and **19.0900, 47.2836, 0.7981** is the 20% darker color. If you saturate the color by 10%, you get **59.1760, 53.6502, 12.1236**, and if you desaturate by 10%, it is **86.3100, 40.2732, 9.3751**.

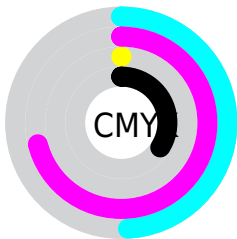
Distribution



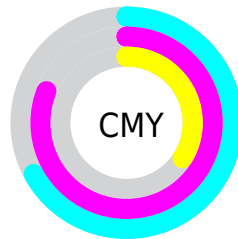
- Red (33%)
- Green (19%)
- Blue (66%)



- Red (33%)
- Yellow (19%)
- Blue (66%)



- Cyan (49%)
- Magenta (71%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (81%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7430, 46.9617, 10.7494 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 72.7430, 46.9617, 10.7494 by changing the saturation by 10% instead.

72.7430, 46.9617,
10.7494

72.7430, 46.9617,
10.7494

255.0000, 0.0000,
0.0000

46.3190, 46.6777,
8.4902

124.9330, 48.8400,
14.9678

19.0900, 47.2836,
0.7981

151.8730, 49.8556,
15.8974

10.1460, 38.8750,
-8.8980

176.0340, 38.9302,
20.1412

7.4100, 28.3919,
-6.4986

201.4400, 26.4051,
24.1701

6.5490, 17.4773,
-5.7435

225.0630, 14.7589,
26.2547

2.8670, 8.4466,
-2.5144

242.0860, 6.3666,

0.0000, 0.0000,

11.3256

0.0000

■ 72.7430, 46.9617,
10.7494

■ 72.7430, 46.9617,
10.7494

■ 59.1760, 53.6502,
12.1236

■ 86.3100, 40.2732,
9.3751

■ 45.9080, 60.1914,
14.1127

■ 99.5780, 33.7320,
7.3861

■ 34.7000, 65.7169,
15.1721

■ 112.5580, 27.3329,
6.5266

■ 125.8260, 20.7918,
4.5376

■ 139.3930, 14.1033,
3.1633

■ 152.9600, 7.4147,
1.7891

■ 166.2280, 0.8736,
-0.2000

■ 179.2080, -5.5255,
-1.0594

■ 192.7750,
-12.2141, -2.4337

Harmonies

Analogous

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



68.2610, 61.0033, -59.8649



72.7430, 46.9617, 10.7494



58.5300, 30.3047, 80.2192

Triad

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



72.7430, 46.9617, 10.7494



68.4860, -33.7636, 49.5628



66.3840, 10.6567, -58.2188

Complementary

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



72.7430, 46.9617, 10.7494



143.2570, -46.9617, -10.7494

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.



57.9140, -16.7196, -50.7906



72.7430, 46.9617, 10.7494



68.5210, -33.7809, 8.3131

Square

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



72.7430, 46.9617, 10.7494



47.4700, -22.4167, 96.9348



52.2430, -25.7558, -45.8171



72.8820, 35.5542, -63.9175

Rectangle

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



72.7430, 46.9617, 10.7494



59.2810, 11.2005, 94.4696



52.2430, -25.7558, -45.8171



63.5170, 2.2101, -55.7044

Sweetspot

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



72.7430, 46.9617, 10.7494



182.4300, 18.0290, 4.0079



110.9880, 28.1069, -55.2405



87.8830, 10.9037, 2.7336



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.



72.7430, 46.9617, 10.7494



69.7740, 73.5684, 16.8612



90.3840, 38.2647, 47.0212



77.5100, 3.1996, 0.4297



30.6260, 57.8654, 13.4830



4.0740, 7.8515, 1.6891

Inverse Universe

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



93.3420, 18.5654, 65.4751



102.0320, 29.0712, 102.5809



125.6160, -38.2647, -47.0212



79.0760, 1.4415, 4.3183



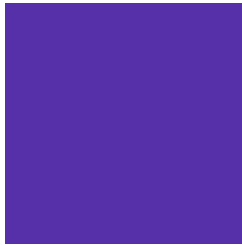
55.8800, 22.7372, 80.7892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 72.7430, 46.9617, 10.7494 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 72.7430, 46.9617, 10.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

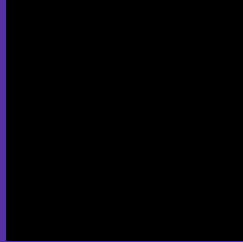
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7430, 46.9617, 10.7494

Background



This preview shows how black text looks on a background with the YUV color 72.7430, 46.9617, 10.7494.



This preview shows how white text looks on a background with the YUV color 72.7430, 46.9617,

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

72.7430, 46.9617, 10.7494

Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

59.5460, 35.2268, -52.2218



Tritanopia

72.9000, 4.9793, -10.4363

Trichromacy



Original Color

72.7430, 46.9617, 10.7494

Protanomaly

64.2620, 46.2128, -29.1708

Deuteranomaly

64.4270, 39.2295, -29.3155

Tritanomaly

72.6680, 20.3767, -2.3398

Monochromacy



Original Color

72.7430, 46.9617, 10.7494

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9030, 17.3028, 3.5931

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7430, 46.9617, 10.7494 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(85, 48, 168)` looks like.

```
.text, #text, p{  
    color:rgb(85, 48, 168)  
}
```

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(85, 48, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 48, 168) }
```

Border

The CSS property to change the border of an element to YUV 72.7430, 46.9617, 10.7494 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(85, 48, 168) }
```


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

```
.border{ border-color:rgb(85, 48, 168) }
```

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

Here you see how a box with a 4 pixel rgb(85, 48, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 48, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 48, 168);  
box-shadow:4px 4px 4px 4px rgb(85, 48,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 72.7430, 46.9617, 10.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 48, 168) }
```

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

```
.background{ background-color: rgb(85, 48,  
168) }
```

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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