

Converting Colors

YUV(81.5790, 15.4906, 24.9252)

Have a look what the booklet for
YUV(81.5790, 15.4906, 24.9252)
contains.

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Color

**YUV(81.5790, 15.4906,
24.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	6E3D71
RGB	110, 61, 113
RGB Percent	43%, 24%, 44%
CMY	0.5686, 0.7608, 0.5569
CMYK	0.03, 0.46, 0.00, 0.56
HSL	297°, 30%, 34%
HSV	297°, 46%, 44%
XYZ	11.0798, 7.8447, 16.5530
YIQ	81.5790, 12.5120, 26.5600

Conversions

Conversions Part 2

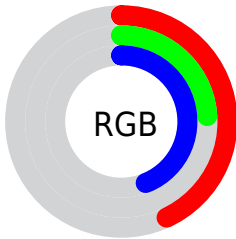
Format	Color
R_{YB}	110, 61, 113
Decimal	7224689
CIE _{Lab}	33.66, 30.21, -21.13
CIE _{LCh}	34, 36.863, 325.034
Yxy	7.8447, 0.3123, 0.2211
Android (android.graphics.Color)	4285414769 (0xFF6E3D71)
YUV	81.5790, 15.4906, 24.9252
Hunter-Lab	28.0085, 21.5975, -15.4345

Details

The YUV color **81.5790, 15.4906, 24.9252** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.4210, -15.4906, -24.9252**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1170, 16.2113, 27.0844**, and **33.8670, 15.3486, 23.7956** is the 20% darker color. If you saturate the color by 10%, you get **74.8230, 18.8213, 29.9732**, and if you desaturate by 10%, it is **88.3350, 12.1598, 19.8772**.

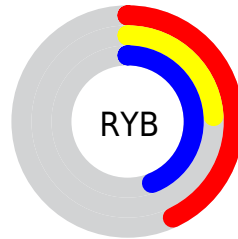
Distribution



Red (43%)

Green (24%)

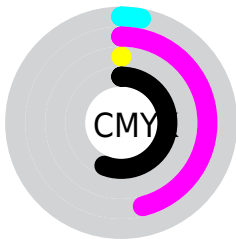
Blue (44%)



Red (43%)

Yellow (24%)

Blue (44%)

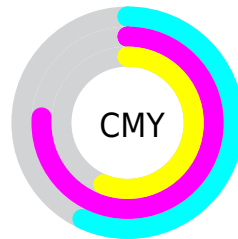


Cyan (3%)

Magenta (46%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.5790, 15.4906, 24.9252 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 81.5790, 15.4906, 24.9252 by changing the saturation by 10% instead.

81.5790, 15.4906,
24.9252

81.5790, 15.4906,
24.9252

255.0000, 0.0000,
0.0000

57.7530, 14.9118,
23.8956

132.1170, 16.2113,
27.0844

33.8670, 15.3486,
23.7956

158.5300, 16.5007,
27.5992

16.5630, 13.0334,
19.6772

185.9430, 16.7901,
28.1140

2.3940, 9.1728,
-2.0995

213.7690, 17.3689,
29.1436

0.0000, 0.0000,
0.0000

233.2810, 10.7075,
19.0476

250.3040, 2.3151,

4.1184

■ 81.5790, 15.4906,
24.9252

■ 81.5790, 15.4906,
24.9252

■ 74.8230, 18.8213,
29.9732

■ 88.3350, 12.1598,
19.8772

■ 67.7790, 22.2940,
36.1508

■ 95.3790, 8.6872,
13.6996

■ 61.0230, 25.6247,
41.1988

■ 102.1350, 5.3564,
8.6516

■ 54.2670, 28.9554,
46.2468

■ 108.8910, 2.0257,
3.6036

■ 47.2230, 32.4281,
52.4244

■ 115.9350, -1.4470,
-2.5740

■ 44.5760, 33.7330,
53.8688

■ 122.6910, -4.7777,
-7.6220

■ 129.4470, -8.1084,
-12.6700

■ 135.9040,
-11.2917, -18.3328

■ 143.2470,
-14.9118, -23.8956

Harmonies

Analogous

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



79.1280, 26.0659, -7.1283



81.5790, 15.4906, 24.9252



78.7850, 3.0640, 44.0386

Triad

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



81.5790, 15.4906, 24.9252



76.0370, -29.5982, 20.1386



66.3330, 18.0768, -58.1740

Complementary

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



81.5790, 15.4906, 24.9252



92.4210, -15.4906, -24.9252

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.



62.9130, 4.9729, -55.1747



81.5790, 15.4906, 24.9252



73.6320, -25.4546, -2.3083

Square

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



81.5790, 15.4906, 24.9252



77.5690, -22.9585, 37.2120



67.4140, -11.5431, -31.0581



67.3080, 29.4282, -59.0291

Rectangle

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



81.5790, 15.4906, 24.9252



78.4020, -6.1142, 47.8824



67.4140, -11.5431, -31.0581



65.1930, 13.7089, -57.1743

Sweetspot

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



81.5790, 15.4906, 24.9252



135.3740, 6.2246, 10.1960



68.6890, 21.8453, -6.7433



66.0700, 3.9095, 6.0776



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



81.5790, 15.4906, 24.9252



98.9580, 24.1777, 38.6248



79.8540, 5.0020, 29.0690



52.4780, 1.7363, 3.0888



47.4670, 35.7588, 57.4724



97.8250, 73.5433, 118.5485

Inverse Universe

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



76.8900, -6.3548, 31.6685



91.6750, -10.1928, 49.3970



94.1460, -5.0020, -29.0690



51.9080, -0.4476, 3.5887



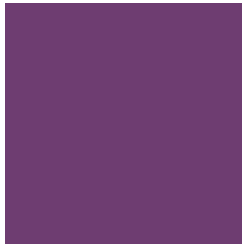
36.6780, -14.6313, 73.0734



75.4490, -30.2944, 150.4502

Previews

White Background



This preview shows how the YUV color 81.5790, 15.4906, 24.9252 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

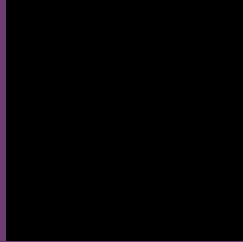
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5790, 15.4906, 24.9252

Background



This preview shows how black text looks on a background with the YUV color 81.5790, 15.4906, 24.9252.



This preview shows how white text looks on a background with the YUV color 81.5790, 15.4906,

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

81.5790, 15.4906, 24.9252

Protanopia

78.5030, 23.9090, -15.3501

Deuteranopia

79.8430, 14.8674, -8.6323



Tritanopia

81.0350, -2.9753, 21.0173

Trichromacy



Original Color

81.5790, 15.4906, 24.9252

Protanomaly

79.7930, 20.8081, -0.6955

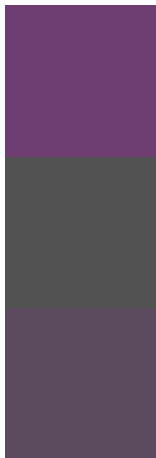
Deuteranomaly

80.3330, 15.1188, 4.0930

Tritanomaly

81.4680, 3.7133, 22.3916

Monochromacy



Original Color

81.5790, 15.4906, 24.9252

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.5480, 5.6458, 9.1664

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5790, 15.4906, 24.9252 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, 61, 113)` looks like.

```
.text, #text, p{  
    color:rgb(110, 61, 113)  
}
```

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, 61, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 61, 113) }
```

Border

The CSS property to change the border of an element to YUV 81.5790, 15.4906, 24.9252 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, 61, 113) }
```


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

```
.border{ border-color:rgb(110, 61, 113) }
```

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

Here you see how a box with a 4 pixel rgb(110, 61, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 61, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 61, 113);  
box-shadow:4px 4px 4px 4px rgb(110, 61,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 81.5790, 15.4906, 24.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 61, 113) }
```

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

```
.background{ background-color: rgb(110, 61,  
113) }
```

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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