

Converting Colors

YUV(74.3830, 19.5312, 35.6211)

Have a look what the booklet for
YUV(74.3830, 19.5312, 35.6211)
contains.

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Color

**YUV(74.3830, 19.5312,
35.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	732E72
RGB	115, 46, 114
RGB Percent	45%, 18%, 45%
CMY	0.5490, 0.8196, 0.5529
CMYK	0.00, 0.60, 0.01, 0.55
HSL	301°, 43%, 32%
HSV	301°, 60%, 45%
XYZ	11.0845, 6.8137, 16.6506
YIQ	74.3830, 19.2960, 35.7760

Conversions

Conversions Part 2

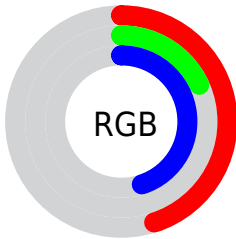
Format	Color
RYB	115, 46, 114
Decimal	7548530
CIELab	31.38, 40.06, -25.26
CIElCh	31, 47.364, 327.766
Yxy	6.8137, 0.3208, 0.1972
Android (android.graphics.Color)	4285738610 (0xFF732E72)
YUV	74.3830, 19.5312, 35.6211
Hunter-Lab	26.1031, 30.1182, -19.5475

Details

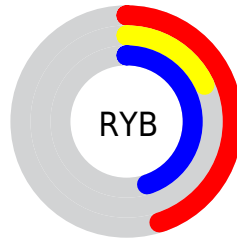
The YUV color **74.3830, 19.5312, 35.6211** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.6170, -19.5312, -35.6211**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8070, 19.8151, 37.8803**, and **26.6600, 19.3946, 32.7472** is the 20% darker color. If you saturate the color by 10%, you get **67.9260, 22.7145, 41.2839**, and if you desaturate by 10%, it is **80.8400, 16.3479, 29.9583**.

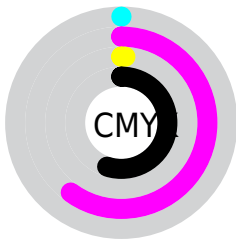
Distribution



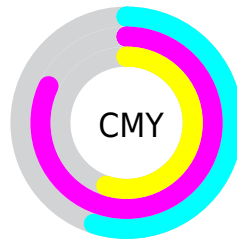
- Red (45%)
- Green (18%)
- Blue (45%)



- Red (45%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3830, 19.5312, 35.6211 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 74.3830, 19.5312, 35.6211 by changing the saturation by 10% instead.

74.3830, 19.5312,
35.6211

74.3830, 19.5312,
35.6211

255.0000, 0.0000,
0.0000

48.4970, 19.9680,
35.5211

125.8070, 19.8151,
37.8803

26.6600, 19.3946,
32.7472

152.5190, 19.9571,
39.0098

17.7590, 12.4438,
22.1364

179.9320, 20.2465,
39.5246

2.3940, 9.1728,
-2.0995

208.0570, 20.6779,
41.1690

0.0000, 0.0000,
0.0000

225.0630, 14.7589,
26.2547

241.4990, 6.6560,

11.8404

■ 74.3830, 19.5312,
35.6211

■ 74.3830, 19.5312,
35.6211

■ 67.9260, 22.7145,
41.2839

■ 80.8400, 16.3479,
29.9583

■ 60.8820, 26.1872,
47.4615

■ 87.8840, 12.8752,
23.7807

■ 53.8380, 29.6599,
53.6391

■ 95.0420, 9.8393,
17.5032

■ 47.2670, 32.4064,
59.4018

■ 101.4990, 6.6560,
11.8404

■ 107.9560, 3.4727,
6.1776

■ 115.0000, 0.0000,
0.0000

■ 121.4570, -3.1833,
-5.6628

■ 128.5010, -6.6560,
-11.8404

■ 135.0720, -9.4025,
-17.6031

Harmonies

Analogous

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



73.5500, 32.7598, -7.4984



74.3830, 19.5312, 35.6211



67.7530, 5.0518, 59.8526

Triad

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



74.3830, 19.5312, 35.6211



69.4840, -34.2556, 20.6235



65.1420, 21.1290, -57.1295

Complementary

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



74.3830, 19.5312, 35.6211



86.6170, -19.5312, -35.6211

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.



60.8100, 4.5307, -53.3304



74.3830, 19.5312, 35.6211



64.8780, -31.9849, -7.7860

Square

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



74.3830, 19.5312, 35.6211



69.3220, -31.7107, 44.4446



54.6030, -11.6363, -47.8868



66.5730, 34.2275, -58.3845

Rectangle

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



74.3830, 19.5312, 35.6211



67.0880, -6.4524, 63.0668



54.6030, -11.6363, -47.8868



63.6600, 15.4506, -55.8298

Sweetspot

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



74.3830, 19.5312, 35.6211



134.1510, 7.8136, 13.8996



53.8660, 30.1391, -6.8985



66.9070, 4.4828, 8.8516



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



74.3830, 19.5312, 35.6211



86.4900, 30.8174, 55.6983



70.6210, 5.1168, 38.9204



55.4780, 1.7363, 3.0888



50.2720, 34.8689, 62.9055



102.7940, 70.6006, 129.0997

Inverse Universe

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



74.3830, 19.5312, 35.6211



86.4900, 30.8174, 55.6983



90.4930, -4.6800, -39.0204



55.4780, 1.7363, 3.0888



50.2720, 34.8689, 62.9055



102.7940, 70.6006, 129.0997

Previews

White Background



This preview shows how the YUV color 74.3830, 19.5312, 35.6211 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

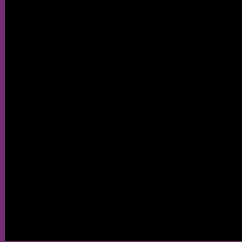
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.3830, 19.5312, 35.6211

Background



This preview shows how black text looks on a background with the YUV color 74.3830, 19.5312, 35.6211.



This preview shows how white text looks on a background with the YUV color 74.3830, 19.5312,

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

74.3830, 19.5312, 35.6211

Protanopia

70.8420, 33.1089, -26.1714

Deuteranopia

73.8040, 17.3516, -12.1061



Tritanopia

75.1070, -5.4758, 29.7242

Trichromacy



Original Color

74.3830, 19.5312, 35.6211

Protanomaly

72.0190, 28.0916, -3.5247

Deuteranomaly

74.1420, 18.1710, 5.1375

Tritanomaly

74.8220, 3.5388, 31.7281

Monochromacy



Original Color

74.3830, 19.5312, 35.6211

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.3250, 7.2348, 12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3830, 19.5312, 35.6211 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(115, 46, 114)` looks like.

```
.text, #text, p{  
    color:rgb(115, 46, 114)  
}
```

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(115, 46, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 46, 114) }
```

Border

The CSS property to change the border of an element to YUV 74.3830, 19.5312, 35.6211 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(115, 46, 114) }
```


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

```
.border{ border-color:rgb(115, 46, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 46, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 46, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 46, 114);  
box-shadow:4px 4px 4px 4px rgb(115, 46,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 74.3830, 19.5312, 35.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 46, 114) }
```

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

```
.background{ background-color: rgb(115, 46,  
114) }
```

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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