

Converting Colors

YUV(74.5000, 28.8405, 36.3955)

Have a look what the booklet for
YUV(74.5000, 28.8405, 36.3955)
contains.

| | |
|------------------------------------------------|----|
| YUV(74.5000, 28.8405, 36.3955) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(74.5000, 28.8405,
36.3955)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 742A85 |
| RGB | 116, 42, 133 |
| RGB Percent | 45%, 16%, 52% |
| CMY | 0.5451, 0.8353, 0.4784 |
| CMYK | 0.13, 0.68, 0.00, 0.48 |
| HSL | 289°, 52%, 34% |
| HSV | 289°, 68%, 52% |
| XYZ | 12.2641, 7.0624, 22.9071 |
| YIQ | 74.5000, 14.8930, 43.9890 |

Conversions

Conversions Part 2

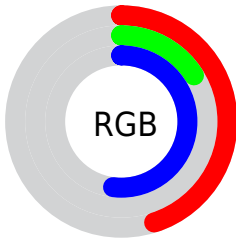
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 42, 133 |
| Decimal | 7613061 |
| CIE _{Lab} | 31.95, 45.98, -36.28 |
| CIE _{LCh} | 32, 58.574, 321.727 |
| Yxy | 7.0624, 0.2904, 0.1672 |
| Android (android.graphics.Color) | 4285803141 (0xFF742A85) |
| YUV | 74.5000, 28.8405, 36.3955 |
| Hunter-Lab | 26.5752, 35.8687, -32.5038 |

Details

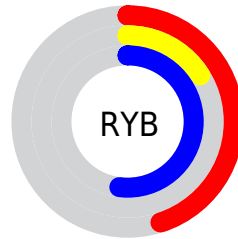
The YUV color **74.5000, 28.8405, 36.3955** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **100.5000, -28.8405, -36.3955**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6250, 29.2719, 38.0399**, and **28.5980, 26.8202, 31.0476** is the 20% darker color. If you saturate the color by 10%, you get **66.2710, 32.8974, 41.8583**, and if you desaturate by 10%, it is **82.7290, 24.7836, 30.9327**.

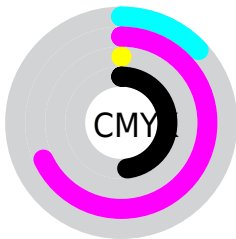
Distribution



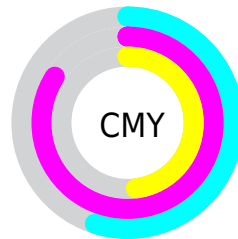
- Red (45%)
- Green (16%)
- Blue (52%)



- Red (45%)
- Yellow (16%)
- Blue (52%)



- Cyan (13%)
- Magenta (68%)
- Yellow (0%)
- Black (48%)



- Cyan (55%)
- Magenta (84%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.5000, 28.8405, 36.3955 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 74.5000, 28.8405, 36.3955 by changing the saturation by 10% instead.

74.5000, 28.8405,
36.3955

74.5000, 28.8405,
36.3955

255.0000, 0.0000,
0.0000

46.1520, 29.9981,
38.4547

127.6250, 29.2719,
38.0399

28.5980, 26.8202,
31.0476

154.4510, 29.8507,
39.0695

18.9850, 19.7274,
19.3072

181.5760, 30.2820,
40.7138

4.5170, 16.0141,
-3.0844

207.4530, 23.4407,
41.6987

1.3680, 5.2416,
-1.1997

223.8890, 15.3377,
27.2843

0.0000, 0.0000,
0.0000

240.3250, 7.2348,

12.8700

■ 74.5000, 28.8405,
36.3955

■ 74.5000, 28.8405,
36.3955

■ 66.2710, 32.8974,
41.8583

■ 82.7290, 24.7836,
30.9327

■ 57.1560, 37.3911,
47.2212

■ 91.8440, 20.2899,
25.5698

■ 48.9270, 41.4480,
52.6840

■ 100.0730, 16.2330,
20.1070

■ 47.4540, 42.1742,
53.0988

■ 108.6010, 12.0287,
15.2589

■ 117.4170, 7.6824,
9.2813

■ 125.9450, 3.4781,
4.4332

■ 134.1740, -0.5788,
-1.0296

■ 142.7020, -4.7831,
-5.8777

■ 151.5180, -9.1294,
-11.8553

Harmonies

Analogous

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



66.7450, 46.9607, -35.7334



74.5000, 28.8405, 36.3955



55.0990, 17.2062, 81.4742

Triad

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



74.5000, 28.8405, 36.3955



71.3000, -35.1509, 27.8009



67.4900, 19.9714, -59.1887

Complementary

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



74.5000, 28.8405, 36.3955



100.5000, -28.8405, -36.3955

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.



61.4310, -0.7055, -53.8750



74.5000, 28.8405, 36.3955



66.9600, -33.0113, -5.2269

Square

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



74.5000, 28.8405, 36.3955



67.3670, -33.2119, 59.3141



53.5140, -23.4244, -46.9318



70.8760, 38.0221, -62.1583

Rectangle

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



74.5000, 28.8405, 36.3955



52.7720, 3.0704, 88.7770



53.5140, -23.4244, -46.9318



65.7800, 13.4195, -57.6891

Sweetspot

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



74.5000, 28.8405, 36.3955



150.0740, 11.3025, 14.8441



62.9400, 34.5396, -18.3644



72.8900, 6.9562, 8.8665



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



74.5000, 28.8405, 36.3955



81.8720, 44.9261, 57.1173



76.5050, 14.5410, 49.5461



62.1790, 1.8838, 2.4740



46.5140, 41.1586, 52.1692



0.9400, 1.0156, 0.9296

Inverse Universe

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



71.1470, -5.9885, 54.2451



76.5360, -9.1382, 84.5989



98.4950, -14.5410, -49.5461



61.9080, -0.4476, 3.5887



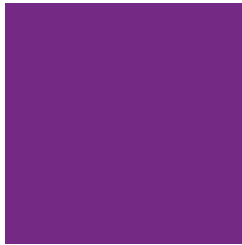
41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 74.5000, 28.8405, 36.3955 looks on a white background.

Color Contrast Check

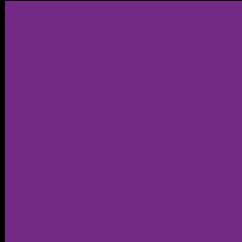
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.5000, 28.8405, 36.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

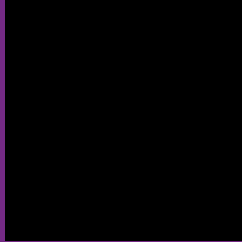
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.5000, 28.8405, 36.3955

Background



This preview shows how black text looks on a background with the YUV color 74.5000, 28.8405, 36.3955.



This preview shows how white text looks on a background with the YUV color 74.5000, 28.8405,

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

74.5000, 28.8405, 36.3955

Deuteranopia

72.2350, 26.9991, -26.5161

Tritanopia

76.7260, -4.3019, 26.5503

Trichromacy



Original Color

74.5000, 28.8405, 36.3955

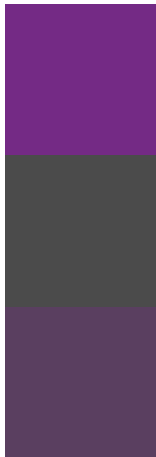
Deuteranomaly

72.9050, 27.6548, -3.4247

Tritanomaly

75.6630, 8.0541, 30.1135

Monochromacy



Original Color

74.5000, 28.8405, 36.3955

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8350, 10.4343, 13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.5000, 28.8405, 36.3955 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(116, 42, 133)` looks like.

```
.text, #text, p{  
    color:rgb(116, 42, 133)  
}
```

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(116, 42, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 42, 133) }
```

Border

The CSS property to change the border of an element to YUV 74.5000, 28.8405, 36.3955 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(116, 42, 133) }
```

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

```
.border{ border-color:rgb(116, 42, 133) }
```

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

Here you see how a box with a 4 pixel rgb(116, 42, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 42, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 42, 133);  
box-shadow:4px 4px 4px 4px rgb(116, 42,  
133) }
```


Background

The CSS property to change the background color of an element to YUV 74.5000, 28.8405, 36.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 42, 133) }
```

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

```
.background{ background-color: rgb(116, 42,  
133) }
```

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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