

Converting Colors

YUV(74.4320, 18.5210, 32.9471)

Have a look what the booklet for
YUV(74.4320, 18.5210, 32.9471)
contains.

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Color

**YUV(74.4320, 18.5210,
32.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	703070
RGB	112, 48, 112
RGB Percent	44%, 19%, 44%
CMY	0.5608, 0.8118, 0.5608
CMYK	0.00, 0.57, 0.00, 0.56
HSL	300°, 40%, 31%
HSV	300°, 57%, 44%
XYZ	10.6637, 6.7285, 16.0659
YIQ	74.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

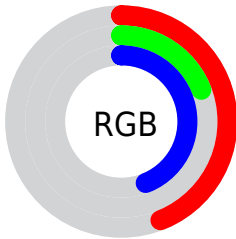
Format	Color
RYB	112, 48, 112
Decimal	7352432
CIELab	31.18, 37.79, -24.34
CIElCh	31, 44.948, 327.215
Yxy	6.7285, 0.3187, 0.2011
Android (android.graphics.Color)	4285542512 (0xFF703070)
YUV	74.4320, 18.5210, 32.9471
Hunter-Lab	25.9394, 27.9875, -18.5646

Details

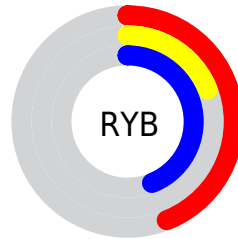
The YUV color **74.4320, 18.5210, 32.9471** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **85.5680, -18.5210, -32.9471**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8560, 18.8050, 35.2063**, and **25.5350, 18.9632, 31.1028** is the 20% darker color. If you saturate the color by 10%, you get **67.9750, 21.7043, 38.6099**, and if you desaturate by 10%, it is **80.8890, 15.3377, 27.2843**.

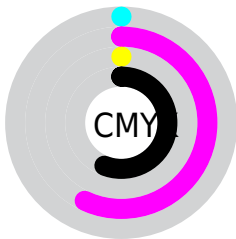
Distribution



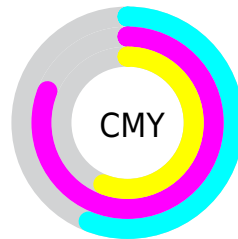
- Red (44%)
- Green (19%)
- Blue (44%)



- Red (44%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (57%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4320, 18.5210, 32.9471 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 74.4320, 18.5210, 32.9471 by changing the saturation by 10% instead.

■ 74.4320, 18.5210,
32.9471

■ 74.4320, 18.5210,
32.9471

■ 255.0000, 0.0000,
0.0000

■ 49.1330, 18.6684,
32.3324

■ 125.8560, 18.8050,
35.2063

■ 25.5350, 18.9632,
31.1028

■ 152.2690, 19.0944,
35.7211

■ 17.0470, 12.3018,
21.0068

■ 179.3940, 19.5258,
37.3655

■ 2.7530, 8.0098,
-2.4144

■ 207.2200, 20.1045,
38.3951

■ 0.0000, 0.0000,
0.0000

■ 225.6500, 14.4696,
25.7400

■ 242.6730, 6.0772,

10.8108

■ 74.4320, 18.5210,
32.9471

■ 74.4320, 18.5210,
32.9471

■ 67.9750, 21.7043,
38.6099

■ 80.8890, 15.3377,
27.2843

■ 61.5180, 24.8876,
44.2727

■ 87.3460, 12.1544,
21.6216

■ 54.4740, 28.3603,
50.4503

■ 94.3900, 8.6817,
15.4440

■ 48.0170, 31.5436,
56.1131

■ 100.8470, 5.4984,
9.7812

■ 46.2560, 32.4118,
57.6575

■ 107.3040, 2.3151,
4.1184

■ 113.7610, -0.8682,
-1.5444

■ 120.2180, -4.0515,
-7.2072

■ 127.2620, -7.5242,
-13.3848

■ 133.7190,
-10.7075, -19.0476

Harmonies

Analogous

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



72.7950, 31.1601, -7.7132



74.4320, 18.5210, 32.9471



69.2040, 4.3364, 55.9491

Triad

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



74.4320, 18.5210, 32.9471



69.1850, -34.1082, 20.0088



64.2130, 20.1080, -56.3148

Complementary

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



74.4320, 18.5210, 32.9471



85.5680, -18.5210, -32.9471

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.



60.1090, 4.3833, -52.7156



74.4320, 18.5210, 32.9471



64.8890, -31.9903, -6.0417

Square

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



74.4320, 18.5210, 32.9471



69.2940, -29.2319, 42.7152



54.2440, -10.4733, -47.5720



65.5300, 32.7697, -57.4698

Rectangle

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



74.4320, 18.5210, 32.9471



67.7670, -6.2941, 58.9633



54.2440, -10.4733, -47.5720



62.8450, 14.8664, -55.1151

Sweetspot

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



74.4320, 18.5210, 32.9471



130.9120, 6.9454, 12.3552



55.2960, 27.9551, -6.3986



65.1950, 4.3409, 7.7220



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.



74.4320, 18.5210, 32.9471



86.3000, 28.9391, 51.4799



70.7840, 4.5435, 36.1464



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Inverse Universe

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



74.4320, 18.5210, 32.9471



86.3000, 28.9391, 51.4799



89.2160, -4.5435, -36.1464



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 74.4320, 18.5210, 32.9471 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 74.4320, 18.5210, 32.9471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

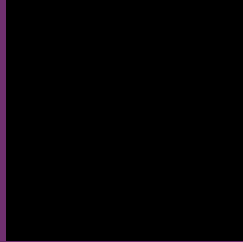
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4320, 18.5210, 32.9471

Background



This preview shows how black text looks on a background with the YUV color 74.4320, 18.5210, 32.9471.



This preview shows how white text looks on a background with the YUV color 74.4320, 18.5210,

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

74.4320, 18.5210, 32.9471

Protanopia

70.6960, 31.2089, -23.4124

Deuteranopia

73.9890, 16.7674, -11.3914



Tritanopia

74.9110, -4.8861, 27.2651

Trichromacy



Original Color

74.4320, 18.5210, 32.9471

Protanomaly

71.9760, 26.6338, -2.6100

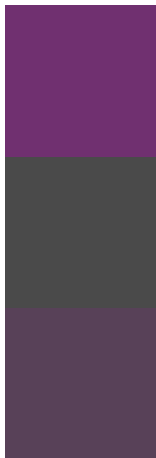
Deuteranomaly

74.5010, 17.0080, 4.8226

Tritanomaly

74.5120, 3.6916, 29.3690

Monochromacy



Original Color

74.4320, 18.5210, 32.9471

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.4990, 6.6560, 11.8404

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4320, 18.5210, 32.9471 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(112, 48, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 48, 112)  
}
```

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(112, 48, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 48, 112) }
```

Border

The CSS property to change the border of an element to YUV 74.4320, 18.5210, 32.9471 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(112, 48, 112) }
```


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

```
.border{ border-color:rgb(112, 48, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 48, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 48, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 48, 112);  
box-shadow:4px 4px 4px 4px rgb(112, 48,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 74.4320, 18.5210, 32.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 48, 112) }
```

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

```
.background{ background-color: rgb(112, 48,  
112) }
```

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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