

Converting Colors

YUV(74.0470, 32.5148, 24.5148)

Have a look what the booklet for
YUV(74.0470, 32.5148, 24.5148)
contains.

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Color

**YUV(74.0470, 32.5148,
24.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	662F8C
RGB	102, 47, 140
RGB Percent	40%, 18%, 55%
CMY	0.6000, 0.8157, 0.4510
CMYK	0.27, 0.66, 0.00, 0.45
HSL	275°, 50%, 37%
HSV	275°, 66%, 55%
XYZ	11.2296, 6.7513, 25.5222
YIQ	74.0470, 2.9270, 40.5830

Conversions

Conversions Part 2

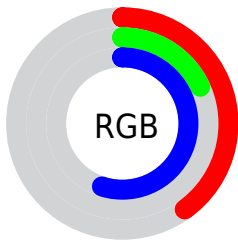
Format	Color
R_{YB}	102, 47, 140
Decimal	6696844
CIE _{Lab}	31.23, 41.75, -41.88
CIE _{LCh}	31, 59.135, 314.914
Yxy	6.7513, 0.2581, 0.1552
Android (android.graphics.Color)	4284886924 (0xFF662F8C)
YUV	74.0470, 32.5148, 24.5148
Hunter-Lab	25.9832, 31.6750, -40.0499

Details

The YUV color **74.0470, 32.5148, 24.5148** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **112.9530, -32.5148, -24.5148**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6990, 33.6724, 26.5740**, and **25.0960, 31.5047, 21.8408** is the 20% darker color. If you saturate the color by 10%, you get **64.0350, 37.4507, 28.0333**, and if you desaturate by 10%, it is **84.0590, 27.5789, 20.9963**.

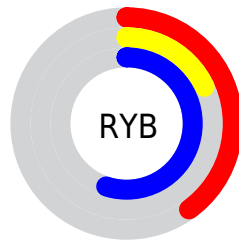
Distribution



Red (40%)

Green (18%)

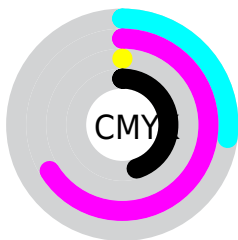
Blue (55%)



Red (40%)

Yellow (18%)

Blue (55%)

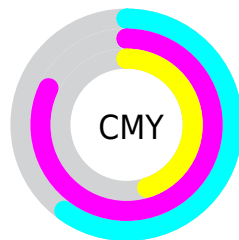


Cyan (27%)

Magenta (66%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (82%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.0470, 32.5148, 24.5148 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 74.0470, 32.5148, 24.5148 by changing the saturation by 10% instead.

■ 74.0470, 32.5148,
24.5148

■ 74.0470, 32.5148,
24.5148

■ 255.0000, 0.0000,
0.0000

■ 48.6340, 32.2254,
24.0000

■ 125.6990, 33.6724,
26.5740

■ 25.0960, 31.5047,
21.8408

■ 152.5250, 34.2512,
27.6036

■ 15.7820, 24.2645,
10.7152

■ 179.4650, 35.2668,
28.5332

■ 4.7880, 18.3455,
-4.1991

■ 204.4410, 24.9256,
32.0622

■ 2.8670, 8.4466,
-2.5144

■ 225.0630, 14.7589,
26.2547

■ 0.0000, 0.0000,
0.0000

■ 242.0860, 6.3666,

11.3256

■ 74.0470, 32.5148,
24.5148

■ 74.0470, 32.5148,
24.5148

■ 64.0350, 37.4507,
28.0333

■ 84.0590, 27.5789,
20.9963

■ 54.3220, 42.2393,
32.1666

■ 93.7720, 22.7904,
16.8630

■ 44.3100, 47.1752,
35.6851

■ 103.7840, 17.8545,
13.3444

■ 40.7770, 48.9169,
37.0296

■ 113.7960, 12.9186,
9.8259

■ 123.8080, 7.9827,
6.3074

■ 133.5210, 3.1941,
2.1741

■ 143.5330, -1.7418,
-1.3444

■ 153.5450, -6.6777,
-4.8630

■ 163.2580,
-11.4662, -8.9963

Harmonies

Analogous

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



60.9600, 50.7987, -53.4619



74.0470, 32.5148, 24.5148



56.0920, 21.1536, 75.3413

Triad

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



74.0470, 32.5148, 24.5148



69.8710, -34.4464, 35.1931



65.5350, 15.0192, -57.4742

Complementary

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



74.0470, 32.5148, 24.5148



112.9530, -32.5148, -24.5148

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.



58.8890, -5.3683, -51.6457



74.0470, 32.5148, 24.5148



67.3030, -33.1804, 2.3653

Square

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



74.0470, 32.5148, 24.5148



63.2630, -28.7237, 66.4213



51.0690, -25.1770, -44.7875



69.8500, 34.0909, -61.2584

Rectangle

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



74.0470, 32.5148, 24.5148



53.2000, 7.2964, 86.6476



51.0690, -25.1770, -44.7875



63.1240, 8.3199, -55.3597

Sweetspot

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



74.0470, 32.5148, 24.5148



155.3830, 12.6292, 9.3111



80.4950, 29.3360, -29.3751



76.3950, 7.6933, 5.7926



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



74.0470, 32.5148, 24.5148



78.2440, 50.6587, 38.3740



84.4970, 23.4190, 48.6761



63.9940, 2.4680, 1.7593



38.4840, 46.5964, 34.6555



1.4670, 1.7418, 1.3444

Inverse Universe

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



79.1390, 2.8895, 53.3751



86.0810, 4.3971, 83.2440



102.5030, -23.4190, -48.6761



64.4350, 0.2785, 4.0035



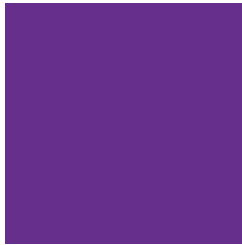
45.9230, 3.9820, 76.3665



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 74.0470, 32.5148, 24.5148 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 74.0470, 32.5148, 24.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

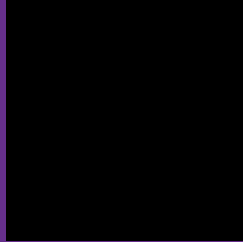
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0470, 32.5148, 24.5148

Background



This preview shows how black text looks on a background with the YUV color 74.0470, 32.5148, 24.5148.



This preview shows how white text looks on a background with the YUV color 74.0470, 32.5148,

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

74.0470, 32.5148, 24.5148

Protanopia

59.0050, 45.8465, -51.7474

Deuteranopia

59.3010, 36.8266, -52.0070



Tritanopia

75.4470, -1.2064, 13.6400

Trichromacy



Original Color

74.0470, 32.5148, 24.5148

Protanomaly

64.3290, 41.2498, -23.9675

Deuteranomaly

64.7220, 35.1401, -24.3122

Tritanomaly

74.6830, 11.0023, 17.8180

Monochromacy



Original Color

74.0470, 32.5148, 24.5148

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8560, 11.9030, 8.8963

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0470, 32.5148, 24.5148 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(102, 47, 140)` looks like.

```
.text, #text, p{  
    color:rgb(102, 47, 140)  
}
```

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(102, 47, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 47, 140) }
```

Border

The CSS property to change the border of an element to YUV 74.0470, 32.5148, 24.5148 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(102, 47, 140) }
```


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

```
.border{ border-color:rgb(102, 47, 140) }
```

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

Here you see how a box with a 4 pixel rgb(102, 47, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 47, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 47, 140);  
box-shadow:4px 4px 4px 4px rgb(102, 47,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 74.0470, 32.5148, 24.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 47, 140) }
```

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

```
.background{ background-color: rgb(102, 47,  
140) }
```

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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