

Converting Colors

YUV(74.8720, 54.7861, 21.1603)

Have a look what the booklet for
YUV(74.8720, 54.7861, 21.1603)
contains.

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Color

**YUV(74.8720, 54.7861,
21.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	6329BA
RGB	99, 41, 186
RGB Percent	39%, 16%, 73%
CMY	0.6118, 0.8392, 0.2706
CMYK	0.47, 0.78, 0.00, 0.27
HSL	264°, 64%, 45%
HSV	264°, 78%, 73%
XYZ	14.8015, 7.7837, 47.1767
YIQ	74.8720, -11.9770, 57.3910

Conversions

Conversions Part 2

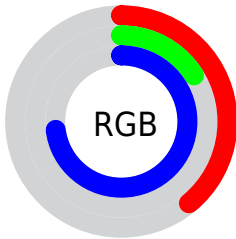
Format	Color
R_{YB}	99, 41, 186
Decimal	6498746
CIE _{Lab}	33.53, 55.52, -65.95
CIE _{LCh}	34, 86.205, 310.094
Yxy	7.7837, 0.2122, 0.1116
Android (android.graphics.Color)	4284688826 (0xFF6329BA)
YUV	74.8720, 54.7861, 21.1603
Hunter-Lab	27.8993, 45.8762, -80.7277

Details

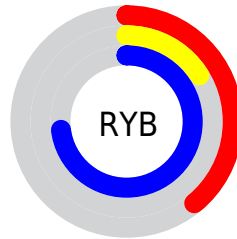
The YUV color **74.8720, 54.7861, 21.1603** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **152.1280, -54.7861, -21.1603**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2360, 56.0857, 24.3490**, and **25.3990, 52.0613, 8.4201** is the 20% darker color. If you saturate the color by 10%, you get **60.4300, 61.9060, 24.1789**, and if you desaturate by 10%, it is **89.3140, 47.6662, 18.1416**.

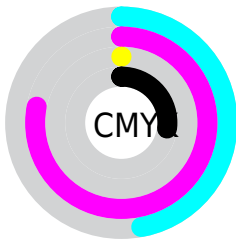
Distribution



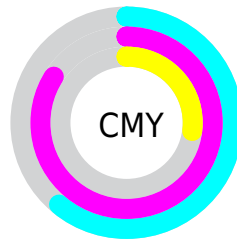
- Red (39%)
- Green (16%)
- Blue (73%)



- Red (39%)
- Yellow (16%)
- Blue (73%)



- Cyan (47%)
- Magenta (78%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8720, 54.7861, 21.1603 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 74.8720, 54.7861, 21.1603 by changing the saturation by 10% instead.

74.8720, 54.7861,
21.1603

74.8720, 54.7861,
21.1603

255.0000, 0.0000,
0.0000

44.5130, 55.9491,
21.4751

129.2360, 56.0857,
24.3490

25.3990, 52.0613,
8.4201

155.1240, 49.2389,
27.0783

11.9700, 45.8638,
-10.4977

179.3560, 37.2925,
32.1368

9.1200, 34.9438,
-7.9982

204.7620, 24.7673,
36.1657

9.3190, 23.0137,
-8.1728

223.8890, 15.3377,
27.2843

5.0500, 14.2723,
-4.4289

240.9120, 6.9454,

0.7980, 3.0576,

12.3552

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 74.8720, 54.7861,
21.1603

■ 74.8720, 54.7861,
21.1603

■ 60.4300, 61.9060,
24.1789

■ 89.3140, 47.6662,
18.1416

■ 46.5750, 68.7365,
26.6827

■ 103.1690, 40.8357,
15.6378

■ 43.3300, 70.3363,
26.8976

■ 117.6110, 33.7158,
12.6192

■ 131.7650, 26.7379,
10.7301

■ 146.2070, 19.6179,
7.7115

■ 160.6490, 12.4980,
4.6928

■ 174.5040, 5.6675,
2.1890

■ 188.9460, -1.4524,
-0.8296

■ 202.8010, -8.2829,
-3.3335

Harmonies

Analogous

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



73.5730, 71.2025, -64.5235



74.8720, 54.7861, 21.1603



65.6070, 30.2667, 92.4297

Triad

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



74.8720, 54.7861, 21.1603



73.2260, -36.1004, 52.4218



71.9750, 14.3093, -63.1221

Complementary

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



74.8720, 54.7861, 21.1603



152.1280, -54.7861, -21.1603

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.



62.2510, -17.8717, -54.5941



74.8720, 54.7861, 21.1603



72.0320, -35.5118, 3.4799

Square

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



74.8720, 54.7861, 21.1603



51.7270, -25.5014, 106.3564



56.3520, -27.7815, -49.4207



80.0860, 42.8486, -70.2354

Rectangle

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



74.8720, 54.7861, 21.1603



65.5600, 8.1049, 107.3799



56.3520, -27.7815, -49.4207



69.2390, 3.8262, -60.7226

Sweetspot

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



74.8720, 54.7861, 21.1603



199.8480, 20.7809, 8.0263



108.5990, 38.1587, -59.2843



96.0620, 12.7874, 5.2076



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



74.8720, 54.7861, 21.1603



68.0870, 85.7391, 33.2497



96.6990, 44.0254, 66.0390



84.9230, 3.4890, 0.9445



36.3220, 59.0013, 22.5196



6.4810, 10.6089, 3.9632

Inverse Universe

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



94.2730, 16.6274, 80.4446



98.3770, 25.9431, 125.9574



130.6000, -44.1728, -65.4242



86.2610, 0.8573, 5.0331



57.2460, 17.6267, 86.6073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 74.8720, 54.7861, 21.1603 looks on a white background.

Color Contrast Check

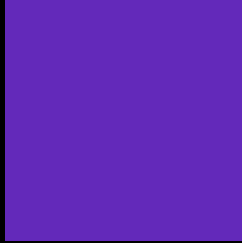
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8720, 54.7861, 21.1603 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 74.8720, 54.7861, 21.1603

Background



This preview shows how black text looks on a background with the YUV color 74.8720, 54.7861, 21.1603.



This preview shows how white text looks on a background with the YUV color 74.8720, 54.7861,

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

74.8720, 54.7861, 21.1603

Deuteranopia

63.3930, 37.2743, -55.5957

Tritanopia

78.5910, 3.6526, -4.9033

Trichromacy



Original Color

74.8720, 54.7861, 21.1603

Deuteranomaly

67.2900, 43.7340, -27.4413

Tritanomaly

77.1680, 22.1022, 4.2377

Monochromacy



Original Color

74.8720, 54.7861, 21.1603

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2070, 19.6179, 7.7115

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8720, 54.7861, 21.1603 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(99, 41, 186)` looks like.

```
.text, #text, p{  
    color:rgb(99, 41, 186)  
}
```

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(99, 41, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 41, 186) }
```

Border

The CSS property to change the border of an element to YUV 74.8720, 54.7861, 21.1603 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(99, 41, 186) }
```

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

```
.border{ border-color:rgb(99, 41, 186) }
```

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

Here you see how a box with a 4 pixel rgb(99, 41, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 41, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 41, 186);  
box-shadow:4px 4px 4px 4px rgb(99, 41,  
186) }
```


Background

The CSS property to change the background color of an element to YUV 74.8720, 54.7861, 21.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 41, 186) }
```

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

```
.background{ background-color: rgb(99, 41,  
186) }
```

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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