

Converting Colors

YUV(74.8400, 29.6589, 7.1563)

Have a look what the booklet for
YUV(74.8400, 29.6589, 7.1563)
contains.

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Color

**YUV(74.8400, 29.6589,
7.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	533B87
RGB	83, 59, 135
RGB Percent	33%, 23%, 53%
CMY	0.6745, 0.7686, 0.4706
CMYK	0.39, 0.56, 0.00, 0.47
HSL	259°, 39%, 38%
HSV	259°, 56%, 53%
XYZ	9.5044, 6.7162, 23.7171
YIQ	74.8400, -10.0920, 28.7240

Conversions

Conversions Part 2

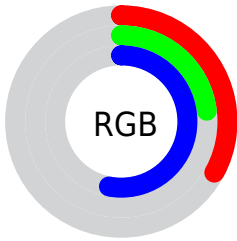
Format	Color
R_{YB}	83, 59, 135
Decimal	5454727
CIE _{Lab}	31.15, 28.84, -39.04
CIE _{LCh}	31, 48.535, 306.451
Yxy	6.7162, 0.2380, 0.1682
Android (android.graphics.Color)	4283644807 (0xFF533B87)
YUV	74.8400, 29.6589, 7.1563
Hunter-Lab	25.9156, 20.1116, -36.1192

Details

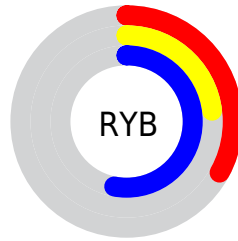
The YUV color **74.8400, 29.6589, 7.1563** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **119.1600, -29.6589, -7.1563**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0190, 31.5426, 9.6303**, and **27.6500, 27.7806, 2.9380** is the 20% darker color. If you saturate the color by 10%, you get **63.9310, 35.0370, 8.8305**, and if you desaturate by 10%, it is **85.7490, 24.2807, 5.4821**.

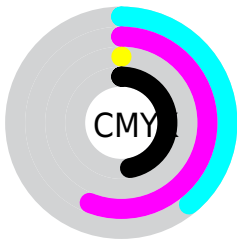
Distribution



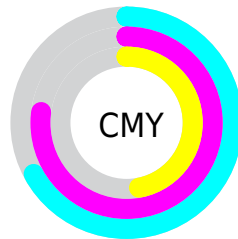
- Red (33%)
- Green (23%)
- Blue (53%)



- Red (33%)
- Yellow (23%)
- Blue (53%)



- Cyan (39%)
- Magenta (56%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (77%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8400, 29.6589, 7.1563 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 74.8400, 29.6589, 7.1563 by changing the saturation by 10% instead.

■ 74.8400, 29.6589,
7.1563

■ 74.8400, 29.6589,
7.1563

■ 255.0000, 0.0000,
0.0000

■ 51.1880, 28.5013,
5.0971

■ 125.0190, 31.5426,
9.6303

■ 27.6500, 27.7806,
2.9380

■ 151.5460, 32.2688,
10.0452

■ 9.6450, 25.3180,
-0.5657

■ 178.4860, 33.2844,
10.9748

■ 6.0930, 15.7302,
-5.3436

■ 203.7330, 25.2746,
13.3892

■ 2.2970, 6.2626,
-2.0145

■ 228.8400, 12.8969,
16.8033

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.7621,

6.6924

■ 74.8400, 29.6589,
7.1563

■ 74.8400, 29.6589,
7.1563

■ 63.9310, 35.0370,
8.8305

■ 85.7490, 24.2807,
5.4821

■ 53.6090, 40.1258,
9.9899

■ 96.0710, 19.1920,
4.3227

■ 42.4010, 45.6513,
11.0493

■ 107.2790, 13.6665,
3.2633

■ 32.0790, 50.7401,
12.2087

■ 117.6010, 8.5777,
2.1039

■ 28.2470, 52.6292,
12.9384

■ 128.5100, 3.1996,
0.4297

■ 138.8320, -1.8892,
-0.7297

■ 150.0400, -7.4147,
-1.7891

■ 160.3620,
-12.5035, -2.9485

■ 171.2710,
-17.8816, -4.6227

Harmonies

Analogous

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



61.0110, 43.3786, -53.5066



74.8400, 29.6589, 7.1563



71.2380, 16.1517, 46.2723

Triad

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



74.8400, 29.6589, 7.1563



69.0070, -34.0205, 38.5819



62.0640, 9.3354, -54.4301

Complementary

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



74.8400, 29.6589, 7.1563



119.1600, -29.6589, -7.1563

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.



56.3300, -7.5577, -49.4014



74.8400, 29.6589, 7.1563



68.2550, -33.6497, 12.9314

Square

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



74.8400, 29.6589, 7.1563



67.5530, -18.5136, 58.2740



60.9800, -30.0631, -17.5225



65.6950, 25.7864, -57.6145

Rectangle

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



74.8400, 29.6589, 7.1563



66.5190, 6.6461, 61.8118



60.9800, -30.0631, -17.5225



60.4680, 3.2203, -53.0304

Sweetspot

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



74.8400, 29.6589, 7.1563



152.1110, 11.7773, 2.5337



98.7750, 17.8589, -34.8827



74.8460, 6.9779, 1.8891



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



74.8400, 29.6589, 7.1563



81.0420, 46.8143, 11.3642



85.9030, 24.2048, 29.9031



61.2820, 2.3260, 0.6297



27.0790, 50.7401, 12.2087



0.6410, 1.1630, 0.3148

Inverse Universe

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



87.6520, 11.5106, 41.5242



101.2280, 18.1286, 65.5750



108.0970, -24.2048, -29.9031



62.2500, 0.8628, 3.2888



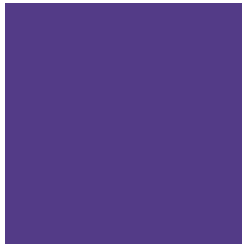
49.0160, 19.7121, 71.0230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 74.8400, 29.6589, 7.1563 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 74.8400, 29.6589, 7.1563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

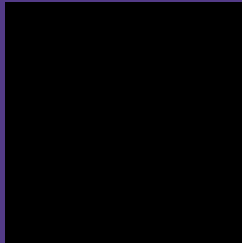
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8400, 29.6589, 7.1563

Background



This preview shows how black text looks on a background with the YUV color 74.8400, 29.6589, 7.1563.



This preview shows how white text looks on a background with the YUV color 74.8400, 29.6589,

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

74.8400, 29.6589, 7.1563

Protanopia

64.5290, 41.1512, -39.0519

Deuteranopia

63.8570, 33.5945, -41.9706



Tritanopia

73.6730, 2.6262, -2.3442

Trichromacy



Original Color

74.8400, 29.6589, 7.1563

Protanomaly

68.4880, 36.7344, -22.3530

Deuteranomaly

67.6250, 32.2299, -24.2271

Tritanomaly

74.2140, 12.2195, 0.6893

Monochromacy



Original Color

74.8400, 29.6589, 7.1563

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8830, 10.9037, 2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8400, 29.6589, 7.1563 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(83, 59, 135)` looks like.

```
.text, #text, p{  
    color:rgb(83, 59, 135)  
}
```

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(83, 59, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 59, 135) }
```

Border

The CSS property to change the border of an element to YUV 74.8400, 29.6589, 7.1563 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(83, 59, 135) }
```


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

```
.border{ border-color:rgb(83, 59, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 59, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 59, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 59, 135);  
box-shadow:4px 4px 4px 4px rgb(83, 59,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 74.8400, 29.6589, 7.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 59, 135) }
```

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

```
.background{ background-color: rgb(83, 59,  
135) }
```

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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