

Converting Colors

YUV(84.2990, 84.1556, 27.8018)

Have a look what the booklet for
YUV(84.2990, 84.1556, 27.8018)
contains.

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Color

**YUV(84.2990, 84.1556,
27.8018)**

Conversions

Conversions Part 1

Format	Color
Hex	7423FF
RGB	116, 35, 255
RGB Percent	45%, 14%, 100%
CMY	0.5451, 0.8627, 0.0000
CMYK	0.55, 0.86, 0.00, 0.00
HSL	262°, 100%, 57%
HSV	262°, 86%, 100%
XYZ	25.8535, 12.1351, 95.5874
YIQ	84.2990, -22.3440, 85.5920

Conversions

Conversions Part 2

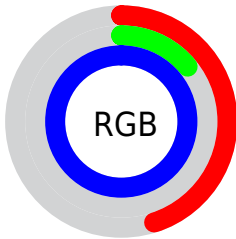
Format	Color
R _Y B	116, 35, 255
Decimal	7611391
CIE Lab	41.43, 76.42, -92.49
CIE LCh	41, 119.975, 309.567
Yxy	12.1351, 0.1935, 0.0908
Android (android.graphics.Color)	4285801471 (0xFF7423FF)
YUV	84.2990, 84.1556, 27.8018
Hunter-Lab	34.8354, 71.5137, -138.3053

Details

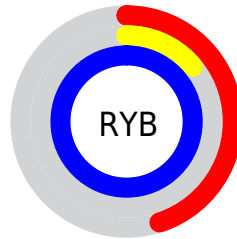
The YUV color **84.2990, 84.1556, 27.8018** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **205.7010, -84.1556, -27.8018**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9540, 57.2107, 36.8743**, and **32.9230, 80.8900, 1.8215** is the 20% darker color. If you saturate the color by 10%, you get **64.2530, 94.0383, 31.3501**, and if you desaturate by 10%, it is **103.7580, 74.5623, 24.7682**.

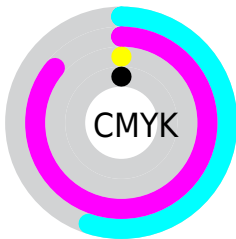
Distribution



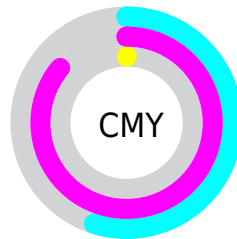
- Red (45%)
- Green (14%)
- Blue (100%)



- Red (45%)
- Yellow (14%)
- Blue (100%)



- Cyan (55%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (86%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2990, 84.1556, 27.8018 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 84.2990, 84.1556, 27.8018 by changing the saturation by 10% instead.

■ 84.2990, 84.1556,
27.8018

■ 84.2990, 84.1556,
27.8018

■ 255.0000, 0.0000,
0.0000

■ 49.9830, 86.7764,
27.2019

■ 138.9540, 57.2107,
36.8743

■ 32.9230, 80.8900,
1.8215

■ 164.6590, 44.5381,
41.5181

■ 19.1520, 73.3821,
-16.7963

■ 190.6630, 31.7181,
46.7765

■ 16.0740, 61.5885,
-14.0969

■ 210.9750, 21.7043,
38.6099

■ 12.9960, 49.7950,
-11.3975

■ 227.9980, 13.3120,
23.6808

■ 17.6630, 34.6761,
-15.4905

■ 245.0210, 4.9196,

■ 11.4050, 25.9293,

8.7516

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 84.2990, 84.1556,
27.8018

■ 84.2990, 84.1556,
27.8018

■ 64.2530, 94.0383,
31.3501

■ 103.7580, 74.5623,
24.7682

■ 57.1760, 97.5272,
32.2946

■ 123.8040, 64.6796,
21.2199

■ 143.2630, 55.0863,
18.1863

■ 163.3090, 45.2037,
14.6380

■ 183.6540, 35.1736,
11.7044

■ 203.1130, 25.5803,
8.6709

■ 222.5720, 15.9870,
5.6374

■ 242.6180, 6.1043,
2.0890

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



84.2990, 84.1556, 27.8018



87.4380, 40.2101, 123.2729

Triad

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



84.2990, 84.1556, 27.8018



88.4090, -43.5856, 73.3093



90.4290, 19.0155, -79.3062

Complementary

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



84.2990, 84.1556, 27.8018



205.7010, -84.1556, -27.8018

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.



75.6890, -32.3847, -66.3793



84.2990, 84.1556, 27.8018



88.8440, -43.8001, 1.8908

Square

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



84.2990, 84.1556, 27.8018



68.4710, -33.7562, 140.7839



71.0270, -35.0163, -62.2907



103.1340, 60.0799, -90.4485

Rectangle

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



84.2990, 84.1556, 27.8018



86.9050, 8.4278, 143.9113



71.0270, -35.0163, -62.2907



85.8520, 4.0170, -75.2922

Sweetspot

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



84.2990, 84.1556, 27.8018



203.7000, 25.2909, 8.1561



141.6730, 55.8702, -93.5522



97.0450, 15.2608, 5.2225



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



84.2990, 84.1556, 27.8018



57.1760, 97.5272, 32.2946



117.1890, 67.9408, 95.4272



117.6780, 5.0887, 1.1594



42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413

Inverse Universe

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



116.6260, 28.2854, 121.3540



94.5990, 32.7357, 140.6717



172.8110, -67.9408, -95.4272



119.7990, 1.5781, 7.1923



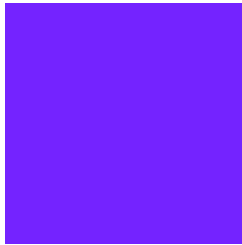
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 84.2990, 84.1556, 27.8018 looks on a white background.

Color Contrast Check

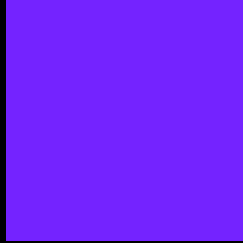
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 84.2990, 84.1556, 27.8018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

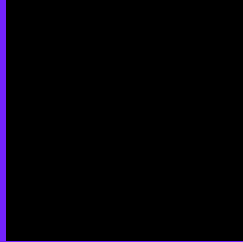
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2990, 84.1556, 27.8018

Background



This preview shows how black text looks on a background with the YUV color 84.2990, 84.1556, 27.8018.



This preview shows how white text looks on a background with the YUV color 84.2990, 84.1556,

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

84.2990, 84.1556, 27.8018

Protanopia

77.7500, 59.2833, -68.1868

Tritanopia

93.1480, 8.8010, -22.9318

Trichromacy



Original Color

84.2990, 84.1556, 27.8018

Protanomaly

80.3750, 68.3421, -33.6549

Tritanomaly

89.7830, 36.0960, -4.1947

Monochromacy



Original Color

84.2990, 84.1556, 27.8018

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0900, 30.5216, 10.4451

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2990, 84.1556, 27.8018 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, 35, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 35, 255)  
}
```

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, 35, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 35, 255) }
```

Border

The CSS property to change the border of an element to YUV 84.2990, 84.1556, 27.8018 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, 35, 255) }
```

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

```
.border{ border-color:rgb(116, 35, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 35, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 35, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 35, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 35,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 84.2990, 84.1556, 27.8018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 35, 255) }
```

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

```
.background{ background-color: rgb(116, 35,  
255) }
```

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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