

Converting Colors

YUV(82.8430, 41.9824, 21.1857)

Have a look what the booklet for
YUV(82.8430, 41.9824, 21.1857)
contains.

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Color

**YUV(82.8430, 41.9824,
21.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	6B36A8
RGB	107, 54, 168
RGB Percent	42%, 21%, 66%
CMY	0.5804, 0.7882, 0.3412
CMYK	0.36, 0.68, 0.00, 0.34
HSL	268°, 51%, 44%
HSV	268°, 68%, 66%
XYZ	14.4505, 8.5913, 37.9424
YIQ	82.8430, -5.0060, 46.6900

Conversions

Conversions Part 2

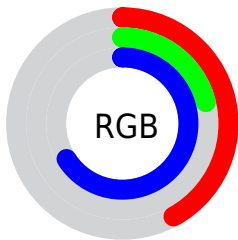
Format	Color
R_{YB}	107, 54, 168
Decimal	7026344
CIE _{Lab}	35.19, 46.23, -52.49
CIE _{LCh}	35, 69.949, 311.375
Y _{xy}	8.5913, 0.2370, 0.1409
Android (android.graphics.Color)	4285216424 (0xFF6B36A8)
YUV	82.8430, 41.9824, 21.1857
Hunter-Lab	29.3109, 36.7075, -56.2323

Details

The YUV color **82.8430, 41.9824, 21.1857** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **139.1570, -41.9824, -21.1857**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3210, 43.7187, 24.2745**, and **28.6580, 42.5666, 20.4709** is the 20% darker color. If you saturate the color by 10%, you get **70.1730, 48.2287, 24.4043**, and if you desaturate by 10%, it is **95.5130, 35.7361, 17.9671**.

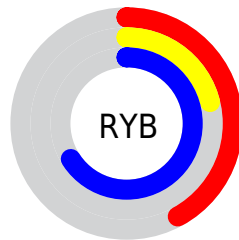
Distribution



Red (42%)

Green (21%)

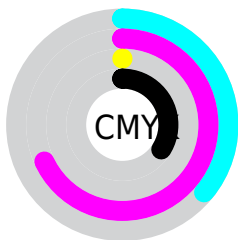
Blue (66%)



Red (42%)

Yellow (21%)

Blue (66%)

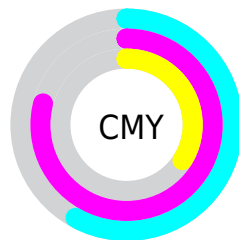


Cyan (36%)

Magenta (68%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (79%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8430, 41.9824, 21.1857 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 82.8430, 41.9824, 21.1857 by changing the saturation by 10% instead.

82.8430, 41.9824,
21.1857

82.8430, 41.9824,
21.1857

255.0000, 0.0000,
0.0000

57.0170, 41.4036,
20.1561

135.3210, 43.7187,
24.2745

28.6580, 42.5666,
20.4709

162.8480, 44.4449,
24.6893

16.5390, 36.2163,
3.9123

187.0090, 33.5196,
28.9331

7.4100, 28.3919,
-6.4986

212.4150, 20.9944,
32.9620

6.5490, 17.4773,
-5.7435

230.3460, 12.1544,
21.6216

2.8670, 8.4466,
-2.5144

247.3690, 3.7621,

0.0000, 0.0000,

6.6924

0.0000

■ 82.8430, 41.9824,
21.1857

■ 82.8430, 41.9824,
21.1857

■ 70.1730, 48.2287,
24.4043

■ 95.5130, 35.7361,
17.9671

■ 57.5030, 54.4750,
27.6229

■ 108.1830, 29.4898,
14.7485

■ 45.4200, 60.4319,
30.3267

■ 120.2660, 23.5329,
12.0447

■ 42.4740, 61.8843,
31.1563

■ 132.9360, 17.2866,
8.8261

■ 145.6060, 11.0402,
5.6075

■ 158.2760, 4.7939,
2.3889

■ 170.9460, -1.4524,
-0.8296

■ 183.0290, -7.4093,
-3.5334

■ 195.6990,
-13.6556, -6.7520

Harmonies

Analogous

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



71.5380, 60.8668, -62.7388



82.8430, 41.9824, 21.1857



61.8190, 28.6832, 86.9817

Triad

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



82.8430, 41.9824, 21.1857



77.9000, -38.4047, 44.8147



73.3770, 14.6041, -64.3516

Complementary

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



82.8430, 41.9824, 21.1857



139.1570, -41.9824, -21.1857

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.



65.4770, -10.5882, -57.4233



82.8430, 41.9824, 21.1857



75.8860, -37.4118, 6.2390

Square

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



82.8430, 41.9824, 21.1857



65.8570, -29.5095, 85.1944



57.5260, -28.3603, -50.4503



79.4190, 37.7544, -69.6505

Rectangle

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



82.8430, 41.9824, 21.1857



61.7870, 10.4580, 99.2878



57.5260, -28.3603, -50.4503



71.2110, 6.3050, -62.4520

Sweetspot

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



82.8430, 41.9824, 21.1857



186.2950, 16.1236, 8.5113



103.9770, 31.5633, -43.8298



89.9650, 9.8773, 5.2927



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



82.8430, 41.9824, 21.1857



86.6960, 65.2259, 32.7156



99.2880, 33.8750, 54.9984



78.1080, 2.9048, 1.6593



37.5030, 54.4750, 27.6229



4.9710, 7.4093, 3.5334

Inverse Universe

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



95.0400, 9.8403, 63.9859



105.7530, 15.4048, 99.3176



122.7120, -33.8750, -54.9984



78.8480, 0.5679, 4.5183



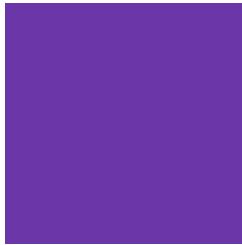
53.2580, 12.6908, 83.0887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 82.8430, 41.9824, 21.1857 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 82.8430, 41.9824, 21.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

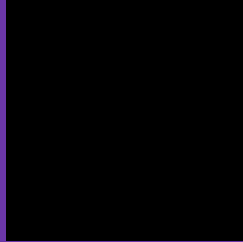
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8430, 41.9824, 21.1857

Background



This preview shows how black text looks on a background with the YUV color 82.8430, 41.9824, 21.1857.



This preview shows how white text looks on a background with the YUV color 82.8430, 41.9824,

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

82.8430, 41.9824, 21.1857

Protanopia

66.3400, 51.1044, -58.1802

Deuteranopia

66.7670, 40.0479, -58.5547



Tritanopia

83.6740, 1.1467, 5.5479

Trichromacy



Original Color

82.8430, 41.9824, 21.1857

Protanomaly

72.6040, 47.5232, -29.4707

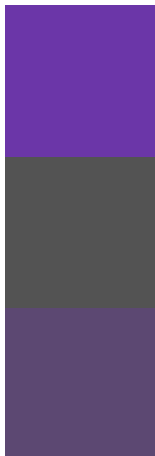
Deuteranomaly

72.7690, 40.5399, -29.6154

Tritanomaly

83.6050, 15.9707, 10.8704

Monochromacy



Original Color

82.8430, 41.9824, 21.1857

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.7680, 15.3974, 8.0965

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8430, 41.9824, 21.1857 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(107, 54, 168)` looks like.

```
.text, #text, p{  
    color:rgb(107, 54, 168)  
}
```

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(107, 54, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 54, 168) }
```

Border

The CSS property to change the border of an element to YUV 82.8430, 41.9824, 21.1857 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(107, 54, 168) }
```


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

```
.border{ border-color:rgb(107, 54, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 54, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 54, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 54, 168);  
box-shadow:4px 4px 4px 4px rgb(107, 54,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 82.8430, 41.9824, 21.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 54, 168) }
```

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

```
.background{ background-color: rgb(107, 54,  
168) }
```

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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