

Converting Colors

YUV(82.0040, 10.8440, 21.9215)

Have a look what the booklet for
YUV(82.0040, 10.8440, 21.9215)
contains.

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Color

**YUV(82.0040, 10.8440,
21.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4168
RGB	107, 65, 104
RGB Percent	42%, 25%, 41%
CMY	0.5804, 0.7451, 0.5922
CMYK	0.00, 0.39, 0.03, 0.58
HSL	304°, 24%, 34%
HSV	304°, 39%, 42%
XYZ	10.4524, 7.9059, 14.0718
YIQ	82.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

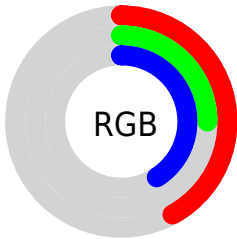
Format	Color
RYB	107, 65, 104
Decimal	7029096
CIELab	33.79, 24.95, -15.28
CIElCh	34, 29.261, 328.521
Yxy	7.9059, 0.3223, 0.2438
Android (android.graphics.Color)	4285219176 (0xFF6B4168)
YUV	82.0040, 10.8440, 21.9215
Hunter-Lab	28.1174, 17.1504, -9.9905

Details

The YUV color **82.0040, 10.8440, 21.9215** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.9960, -10.8440, -21.9215**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1290, 11.2754, 23.5659**, and **35.5800, 10.5601, 19.6623** is the 20% darker color. If you saturate the color by 10%, you get **75.4330, 13.5905, 27.6843**, and if you desaturate by 10%, it is **88.5750, 8.0975, 16.1587**.

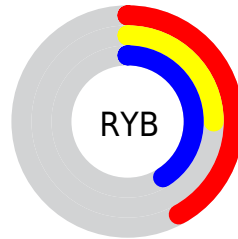
Distribution



Red (42%)

Green (25%)

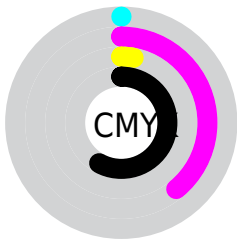
Blue (41%)



Red (42%)

Yellow (25%)

Blue (41%)

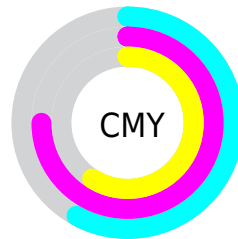


Cyan (0%)

Magenta (39%)

Yellow (3%)

Black (58%)



Cyan (58%)

Magenta (75%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.0040, 10.8440, 21.9215 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 82.0040, 10.8440, 21.9215 by changing the saturation by 10% instead.

82.0040, 10.8440,
21.9215

82.0040, 10.8440,
21.9215

255.0000, 0.0000,
0.0000

58.2920, 10.7020,
20.7919

132.1290, 11.2754,
23.5659

35.5800, 10.5601,
19.6623

158.8410, 11.4174,
24.6954

15.0530, 9.8339,
19.2475

185.6670, 11.9962,
25.7250

1.2540, 4.8048,
-1.0998

213.6670, 11.9962,
25.7250

0.0000, 0.0000,
0.0000

235.6290, 9.5499,
16.9884

252.0650, 1.4470,

2.5740

■ 82.0040, 10.8440,
21.9215

■ 82.0040, 10.8440,
21.9215

■ 75.4330, 13.5905,
27.6843

■ 88.5750, 8.0975,
16.1587

■ 69.4490, 16.0476,
32.9322

■ 94.5590, 5.6404,
10.9108

■ 62.9920, 19.2309,
38.5950

■ 101.0160, 2.4571,
5.2480

■ 56.4210, 21.9774,
44.3578

■ 107.5870, -0.2894,
-0.5148

■ 50.4370, 24.4346,
49.6058

■ 114.1580, -3.0359,
-6.2776

■ 43.8660, 27.1811,
55.3685

■ 120.1420, -5.4930,
-11.5255

■ 43.2790, 27.4705,
55.8833

■ 126.5990, -8.6763,
-17.1883

■ 133.1700,
-11.4228, -22.9511

■ 139.1540,
-13.8799, -28.1991

Harmonies

Analogous

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



80.7390, 19.3557, -1.5251



82.0040, 10.8440, 21.9215



80.7470, 0.6177, 35.3019

Triad

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



82.0040, 10.8440, 21.9215



77.5400, -22.4512, 14.4354



64.9310, 17.7820, -56.9445

Complementary

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



82.0040, 10.8440, 21.9215



89.9960, -10.8440, -21.9215

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.



62.1950, 7.2989, -54.5450



82.0040, 10.8440, 21.9215



75.3420, -18.9026, -3.8079

Square

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



82.0040, 10.8440, 21.9215



78.5510, -19.0056, 29.3348



70.9570, -8.3598, -25.3953



65.2220, 26.5126, -57.1997

Rectangle

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



82.0040, 10.8440, 21.9215



80.1080, -6.9552, 37.6163



70.9570, -8.3598, -25.3953



64.0190, 14.2876, -56.1447

Sweetspot

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



82.0040, 10.8440, 21.9215



129.9070, 4.4828, 8.8516



70.6850, 17.9033, -2.3547



65.1300, 2.8939, 5.1480



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



82.0040, 10.8440, 21.9215



100.8020, 17.3526, 34.3766



79.6100, 1.6713, 24.0210



50.3640, 1.2995, 3.1888



47.4090, 30.3644, 61.0313



99.1330, 63.0384, 127.9254

Inverse Universe

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



82.0040, 10.8440, 21.9215



100.8020, 17.3526, 34.3766



92.3900, -1.6713, -24.0210



50.3640, 1.2995, 3.1888



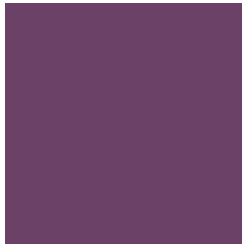
47.4090, 30.3644, 61.0313



99.1330, 63.0384, 127.9254

Previews

White Background



This preview shows how the YUV color 82.0040, 10.8440, 21.9215 looks on a white background.

Color Contrast Check

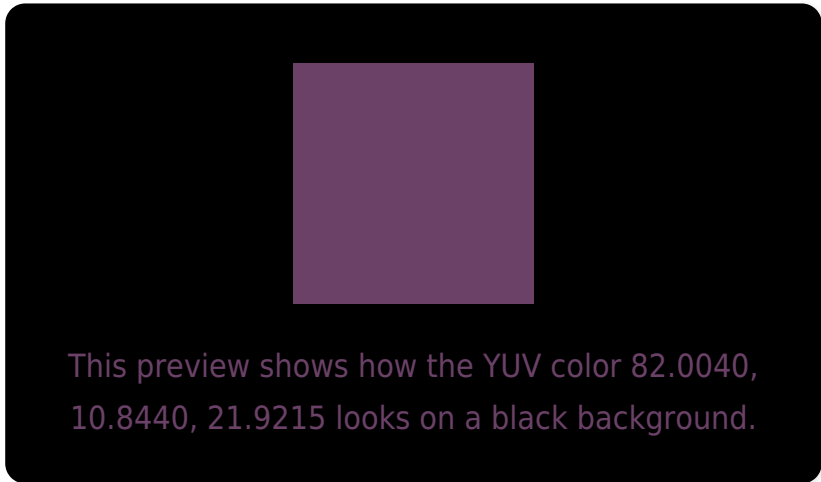
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 82.0040, 10.8440, 21.9215

Background



This preview shows how black text looks on a background with the YUV color 82.0040, 10.8440, 21.9215.



This preview shows how white text looks on a background with the YUV color 82.0040, 10.8440,

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

82.0040, 10.8440, 21.9215

Protanopia

79.7010, 16.9094, -10.2618

Deuteranopia

80.1380, 10.7780, -3.6290



Tritanopia

81.1380, -2.5330, 19.1730

Trichromacy



Original Color

82.0040, 10.8440, 21.9215

Protanomaly

80.4960, 14.5455, 1.3190

Deuteranomaly

80.6060, 11.0402, 5.6075

Tritanomaly

81.4030, 2.2663, 19.8176

Monochromacy



Original Color

82.0040, 10.8440, 21.9215

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.0040, 10.8440, 21.9215 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, 65, 104)` looks like.

```
.text, #text, p{  
    color:rgb(107, 65, 104)  
}
```

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, 65, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 65, 104) }
```

Border

The CSS property to change the border of an element to YUV 82.0040, 10.8440, 21.9215 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, 65, 104) }
```


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

```
.border{ border-color:rgb(107, 65, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 65, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 65, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 65, 104);  
box-shadow:4px 4px 4px 4px rgb(107, 65,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 82.0040, 10.8440, 21.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 65, 104) }
```

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

```
.background{ background-color: rgb(107, 65,  
104) }
```

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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