

Converting Colors

YUV(83.9910, 37.4724, 21.0559)

Have a look what the booklet for
YUV(83.9910, 37.4724, 21.0559)
contains.

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Color

**YUV(83.9910, 37.4724,
21.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	6C39A0
RGB	108, 57, 160
RGB Percent	42%, 22%, 63%
CMY	0.5765, 0.7765, 0.3725
CMYK	0.32, 0.64, 0.00, 0.37
HSL	270°, 47%, 43%
HSV	270°, 64%, 63%
XYZ	13.9926, 8.6525, 34.1903
YIQ	83.9910, -2.6670, 42.8450

Conversions

Conversions Part 2

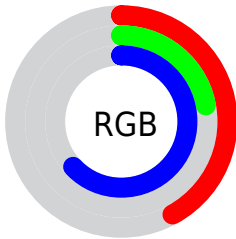
Format	Color
R _Y B	108, 57, 160
Decimal	7092640
CIE Lab	35.31, 42.86, -47.48
CIE LCh	35, 63.966, 312.075
Yxy	8.6525, 0.2462, 0.1522
Android (android.graphics.Color)	4285282720 (0xFF6C39A0)
YUV	83.9910, 37.4724, 21.0559
Hunter-Lab	29.4151, 33.4354, -48.3246

Details

The YUV color **83.9910, 37.4724, 21.0559** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **133.0090, -37.4724, -21.0559**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0560, 38.9194, 23.6299**, and **30.8060, 38.0566, 20.3411** is the 20% darker color. If you saturate the color by 10%, you get **72.2070, 43.2819, 24.3745**, and if you desaturate by 10%, it is **95.7750, 31.6629, 17.7373**.

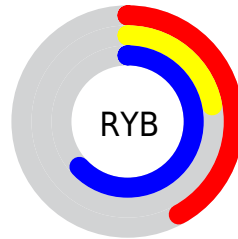
Distribution



Red (42%)

Green (22%)

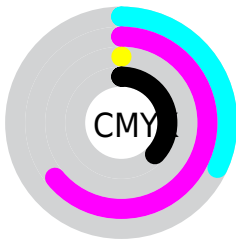
Blue (63%)



Red (42%)

Yellow (22%)

Blue (63%)

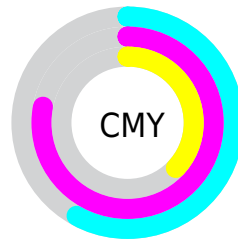


Cyan (32%)

Magenta (64%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (78%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9910, 37.4724, 21.0559 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 83.9910, 37.4724, 21.0559 by changing the saturation by 10% instead.

83.9910, 37.4724,
21.0559

83.9910, 37.4724,
21.0559

255.0000, 0.0000,
0.0000

58.1650, 36.8937,
20.0263

136.0560, 38.9194,
23.6299

30.8060, 38.0566,
20.3411

162.9960, 39.9350,
24.5595

17.5350, 32.2742,
8.3008

188.7700, 32.6514,
27.3887

6.7260, 25.7711,
-5.8987

213.2900, 20.5630,
31.3177

5.2780, 15.1459,
-4.6288

231.5200, 11.5756,
20.5920

1.3680, 5.2416,
-1.1997

248.5430, 3.1833,

0.0000, 0.0000,

5.6628

0.0000

■ 83.9910, 37.4724,
21.0559

■ 83.9910, 37.4724,
21.0559

■ 72.2070, 43.2819,
24.3745

■ 95.7750, 31.6629,
17.7373

■ 60.4230, 49.0915,
27.6930

■ 107.5590, 25.8534,
14.4188

■ 48.6390, 54.9010,
31.0116

■ 119.3430, 20.0439,
11.1002

■ 41.8610, 58.2425,
32.5709

■ 131.1270, 14.2344,
7.7816

■ 142.9110, 8.4249,
4.4631

■ 154.6950, 2.6154,
1.1445

■ 166.7780, -3.3416,
-1.5593

■ 178.5620, -9.1511,
-4.8779

■ 190.3460,
-14.9606, -8.1964

Harmonies

Analogous

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



69.8110, 56.7882, -61.2242



83.9910, 37.4724, 21.0559



68.0860, 23.6216, 77.1006

Triad

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



83.9910, 37.4724, 21.0559



78.4760, -38.6887, 42.5555



72.7900, 14.8935, -63.8368

Complementary

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



83.9910, 37.4724, 21.0559



133.0090, -37.4724, -21.0559

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.



65.4600, -8.1148, -57.4084



83.9910, 37.4724, 21.0559



76.1850, -37.5592, 6.8538

Square

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



83.9910, 37.4724, 21.0559



71.3180, -28.7508, 75.1431



59.3200, -29.2448, -46.7616



77.6750, 36.1492, -68.1210

Rectangle

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



83.9910, 37.4724, 21.0559



59.8790, 10.9057, 95.6991



59.3200, -29.2448, -46.7616



70.7380, 7.0312, -62.0372

Sweetspot

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



83.9910, 37.4724, 21.0559



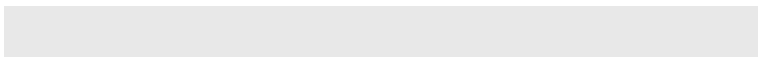
179.5400, 14.5238, 8.2964



99.8530, 29.6525, -37.5821



87.0250, 8.8617, 4.3631



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



83.9910, 37.4724, 21.0559



90.2740, 58.5319, 33.0857



98.9410, 30.1021, 51.7947



73.1080, 2.9048, 1.6593



37.5310, 51.9962, 29.3523



4.1020, 5.3727, 3.4185

Inverse Universe

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



93.7250, 7.5306, 58.1232



105.3730, 11.6481, 90.8809



118.0590, -30.1021, -51.7947



73.8480, 0.5679, 4.5183



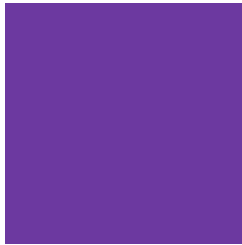
50.9650, 10.3703, 80.7147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 83.9910, 37.4724, 21.0559 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 83.9910, 37.4724, 21.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

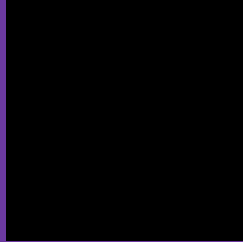
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9910, 37.4724, 21.0559

Background



This preview shows how black text looks on a background with the YUV color 83.9910, 37.4724, 21.0559.



This preview shows how white text looks on a background with the YUV color 83.9910, 37.4724,

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

83.9910, 37.4724, 21.0559

Protanopia

66.4540, 51.5412, -58.2802

Tritanopia

84.2830, 0.8465, 8.5218

Trichromacy



Original Color

83.9910, 37.4724, 21.0559

Protanomaly

72.9630, 46.3602, -29.7856

Tritanomaly

84.1600, 14.2181, 13.0147

Monochromacy



Original Color

83.9910, 37.4724, 21.0559

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0130, 13.7976, 7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9910, 37.4724, 21.0559 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(108, 57, 160)` looks like.

```
.text, #text, p{  
    color:rgb(108, 57, 160)  
}
```

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(108, 57, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 57, 160) }
```

Border

The CSS property to change the border of an element to YUV 83.9910, 37.4724, 21.0559 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(108, 57, 160) }
```

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

```
.border{ border-color:rgb(108, 57, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 57, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 57, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 57, 160);  
box-shadow:4px 4px 4px 4px rgb(108, 57,  
160) }
```


Background

The CSS property to change the background color of an element to YUV 83.9910, 37.4724, 21.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 57, 160) }
```

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

```
.background{ background-color: rgb(108, 57,  
160) }
```

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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