

Converting Colors

YUV(86.9910, 37.4724, 21.0559)

Have a look what the booklet for
YUV(86.9910, 37.4724, 21.0559)
contains.

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Color

**YUV(86.9910, 37.4724,
21.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	6F3CA3
RGB	111, 60, 163
RGB Percent	44%, 24%, 64%
CMY	0.5647, 0.7647, 0.3608
CMYK	0.32, 0.63, 0.00, 0.36
HSL	270°, 46%, 44%
HSV	270°, 63%, 64%
XYZ	14.7823, 9.2556, 35.6577
YIQ	86.9910, -2.6670, 42.8450

Conversions

Conversions Part 2

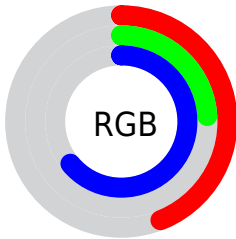
Format	Color
R_{YB}	111, 60, 163
Decimal	7290019
CIE _{Lab}	36.47, 42.72, -47.39
CIE _{LCh}	36, 63.799, 312.032
Yxy	9.2556, 0.2476, 0.1550
Android (android.graphics.Color)	4285480099 (0xFF6F3CA3)
YUV	86.9910, 37.4724, 21.0559
Hunter-Lab	30.4230, 33.4915, -48.1957

Details

The YUV color **86.9910, 37.4724, 21.0559** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **136.0090, -37.4724, -21.0559**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1700, 39.3562, 23.5299**, and **34.2790, 37.3305, 19.9263** is the 20% darker color. If you saturate the color by 10%, you get **75.2070, 43.2819, 24.3745**, and if you desaturate by 10%, it is **98.7750, 31.6629, 17.7373**.

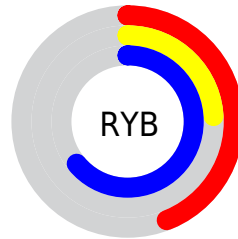
Distribution



Red (44%)

Green (24%)

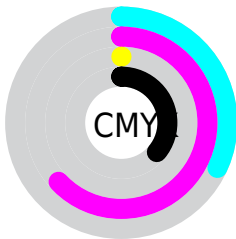
Blue (64%)



Red (44%)

Yellow (24%)

Blue (64%)

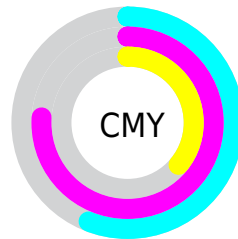


Cyan (32%)

Magenta (63%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9910, 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 86.9910, 37.4724, 21.0559 by changing the saturation by 10% instead.

86.9910, 37.4724,
21.0559

86.9910, 37.4724,
21.0559

255.0000, 0.0000,
0.0000

61.1650, 36.8937,
20.0263

139.1700, 39.3562,
23.5299

34.2790, 37.3305,
19.9263

165.9960, 39.9350,
24.5595

18.3610, 32.8530,
9.3304

191.4280, 31.3410,
27.6886

6.9540, 26.6447,
-6.0987

216.5350, 18.9632,
31.1028

6.0930, 15.7302,
-5.3436

233.8680, 10.4181,
18.5328

2.4110, 6.6994,
-2.1144

250.8910, 2.0257,

0.0000, 0.0000,

3.6036

0.0000

■ 86.9910, 37.4724,
21.0559

■ 86.9910, 37.4724,
21.0559

■ 75.2070, 43.2819,
24.3745

■ 98.7750, 31.6629,
17.7373

■ 62.8360, 49.3809,
28.2078

■ 111.1460, 25.5640,
13.9040

■ 50.7530, 55.3378,
30.9116

■ 123.2290, 19.6071,
11.2002

■ 42.8010, 59.2581,
33.5005

■ 135.0130, 13.7976,
7.8816

■ 146.7970, 7.9881,
4.5630

■ 159.1680, 1.8892,
0.7297

■ 171.2510, -4.0677,
-1.9741

■ 183.0350, -9.8773,
-5.2927

■ 195.4060,
-15.9762, -9.1261

Harmonies

Analogous

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



71.9140, 57.2304, -63.0686



86.9910, 37.4724, 21.0559



73.4340, 22.4640, 75.0414

Triad

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



86.9910, 37.4724, 21.0559



81.1340, -39.9991, 42.8555



74.8930, 15.3358, -65.6812

Complementary

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



86.9910, 37.4724, 21.0559



136.0090, -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.



67.5630, -7.6726, -59.2528



86.9910, 37.4724, 21.0559



78.8430, -38.8696, 7.1537

Square

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



86.9910, 37.4724, 21.0559



74.7310, -28.4614, 75.6579



62.8860, -31.0028, -42.8730



79.7780, 36.5914, -69.9653

Rectangle

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



86.9910, 37.4724, 21.0559



61.1180, 11.7738, 97.2435



62.8860, -31.0028, -42.8730



72.8410, 7.4734, -63.8816

Sweetspot

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



86.9910, 37.4724, 21.0559



181.6540, 14.9606, 8.1964



102.8530, 29.6525, -37.5821



88.7370, 9.0037, 5.4927



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



86.9910, 37.4724, 21.0559



92.9750, 58.6793, 32.4709



101.9410, 30.1021, 51.7947



75.2220, 3.3416, 1.5593



38.0580, 52.7224, 29.7671



4.7430, 6.5357, 3.7334

Inverse Universe

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



96.7250, 7.5306, 58.1232



108.3730, 11.6481, 90.8809



121.0590, -30.1021, -51.7947



76.2610, 0.8573, 5.0331



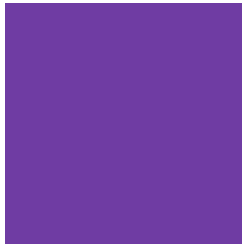
51.6770, 10.5122, 81.8443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 86.9910, 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 86.9910, 37.4724, 21.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

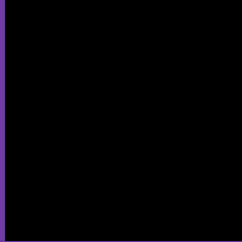
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9910, 37.4724, 21.0559

Background



This preview shows how black text looks on a background with the YUV color 86.9910, 37.4724, 21.0559.



This preview shows how white text looks on a background with the YUV color 86.9910, 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

86.9910, 37.4724, 21.0559

Protanopia

68.7850, 52.8570, -60.3244

Tritanopia

87.1690, 0.4097, 8.6218

Trichromacy



Original Color

86.9910, 37.4724, 21.0559

Protanomaly

75.4790, 47.0919, -31.1151

Tritanomaly

87.0460, 13.7813, 13.1147

Monochromacy



Original Color

86.9910, 37.4724, 21.0559

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0130, 13.7976, 7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9910, 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(111, 60, 163)` looks like.

```
.text, #text, p{  
    color:rgb(111, 60, 163)  
}
```

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(111, 60, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 60, 163) }
```

Border

The CSS property to change the border of an element to YUV 86.9910, 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(111, 60, 163) }
```

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

```
.border{ border-color:rgb(111, 60, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 60, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 60, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 60, 163);  
box-shadow:4px 4px 4px 4px rgb(111, 60,  
163) }
```


Background

The CSS property to change the background color of an element to YUV 86.9910, 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(111, 60, 163) }
```

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

```
.background{ background-color: rgb(111, 60,  
163) }
```

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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