

Converting Colors

YUV(88.6920, 61.2838, 37.1041)

Have a look what the booklet for
YUV(88.6920, 61.2838, 37.1041)
contains.

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Color

**YUV(88.6920, 61.2838,
37.1041)**

Conversions

Conversions Part 1

Format	Color
Hex	832BD5
RGB	131, 43, 213
RGB Percent	51%, 17%, 84%
CMY	0.4863, 0.8314, 0.1647
CMYK	0.38, 0.80, 0.00, 0.16
HSL	271°, 67%, 50%
HSV	271°, 80%, 84%
XYZ	22.2342, 11.3571, 63.9711
YIQ	88.6920, -2.1220, 71.5260

Conversions

Conversions Part 2

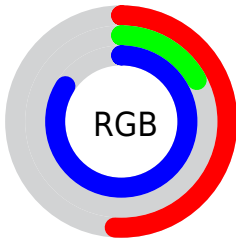
Format	Color
R_{YB}	131, 43, 213
Decimal	8596437
CIE _{Lab}	40.18, 65.94, -70.65
CIE _{LCh}	40, 96.647, 313.025
Yxy	11.3571, 0.2279, 0.1164
Android (android.graphics.Color)	4286786517 (0xFF832BD5)
YUV	88.6920, 61.2838, 37.1041
Hunter-Lab	33.7004, 58.7917, -88.9558

Details

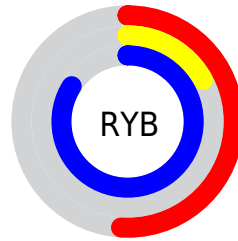
The YUV color **88.6920, 61.2838, 37.1041** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **167.3080, -61.2838, -37.1041**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5800, 54.4371, 39.8333**, and **39.1270, 58.1114, 27.9526** is the 20% darker color. If you saturate the color by 10%, you get **73.3750, 68.8351, 41.7671**, and if you desaturate by 10%, it is **104.0090, 53.7326, 32.4411**.

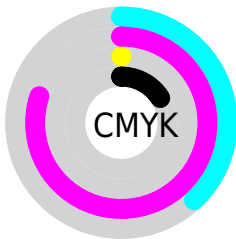
Distribution



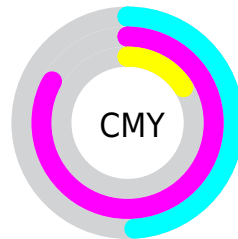
- Red (51%)
- Green (17%)
- Blue (84%)



- Red (51%)
- Yellow (17%)
- Blue (84%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (83%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6920, 61.2838, 37.1041 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 88.6920, 61.2838, 37.1041 by changing the saturation by 10% instead.

88.6920, 61.2838,
37.1041

88.6920, 61.2838,
37.1041

255.0000, 0.0000,
0.0000

51.8760, 65.6301,
43.0817

144.5800, 54.4371,
39.8333

39.1270, 58.1114,
27.9526

169.3990, 42.2013,
44.3771

25.5840, 51.4771,
9.1348

194.8050, 29.6761,
48.4060

11.8560, 45.4270,
-10.3977

212.7360, 20.8362,
37.0655

9.0060, 34.5070,
-7.8983

229.7590, 12.4438,
22.1364

9.2050, 22.5769,
-8.0728

246.7820, 4.0515,

4.8220, 13.3988,

7.2072

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 88.6920, 61.2838,
37.1041

■ 88.6920, 61.2838,
37.1041

■ 73.3750, 68.8351,
41.7671

■ 104.0090, 53.7326,
32.4411

■ 57.1720, 76.8232,
46.3302

■ 120.2120, 45.7445,
27.8781

■ 135.5290, 38.1932,
23.2151

■ 150.8460, 30.6419,
18.5521

■ 166.1630, 23.0906,
13.8890

■ 182.3660, 15.1026,
9.3260

■ 197.6830, 7.5513,
4.6630

■ 213.0000, 0.0000,
0.0000

■ 228.9040, -7.8407,
-5.1778

Harmonies

Analogous

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



85.3080, 83.1652, -74.8151



88.6920, 61.2838, 37.1041



77.8960, 32.0963, 112.3472

Triad

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



88.6920, 61.2838, 37.1041



88.2990, -43.5314, 55.8658



86.9070, 20.7518, -76.2174

Complementary

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



88.6920, 61.2838, 37.1041



167.3080, -61.2838, -37.1041

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.



76.0430, -15.7972, -66.6897



88.6920, 61.2838, 37.1041



84.9900, -41.9001, -0.8682

Square

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



88.6920, 61.2838, 37.1041



59.8000, -29.4814, 122.9554



67.5050, -33.2800, -59.2019



95.9300, 52.7855, -84.1306

Rectangle

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



88.6920, 61.2838, 37.1041



76.7520, 7.0243, 127.3825



67.5050, -33.2800, -59.2019



83.1280, 8.8109, -72.9033

Sweetspot

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



88.6920, 61.2838, 37.1041



210.2230, 22.0751, 12.9594



110.5140, 50.5256, -59.2098



100.8990, 13.3608, 7.9816



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.



88.6920, 61.2838, 37.1041



75.9030, 88.2948, 53.5821



112.8680, 47.8861, 87.8158



99.0480, 3.9203, 2.5889



45.8060, 61.7206, 37.0041



11.4800, 15.5394, 9.2260

Inverse Universe

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



103.1780, 10.7582, 96.3139



96.7070, 15.4274, 138.8230



143.1320, -47.8861, -87.8158



99.9730, 0.9993, 6.1627



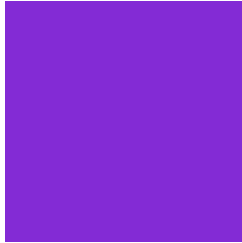
60.4770, 10.6108, 96.9287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 88.6920, 61.2838, 37.1041 looks on a white background.

Color Contrast Check

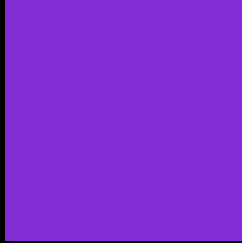
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.6920, 61.2838, 37.1041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

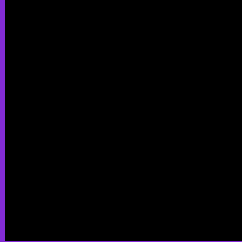
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6920, 61.2838, 37.1041

Background



This preview shows how black text looks on a background with the YUV color 88.6920, 61.2838, 37.1041.



This preview shows how white text looks on a background with the YUV color 88.6920, 61.2838,

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

88.6920, 61.2838, 37.1041

Protanopia

76.0060, 57.6780, -66.6573

Deuteranopia

75.9770, 44.8743, -66.6318



Tritanopia

95.8810, 0.5517, 9.7514

Trichromacy



Original Color

88.6920, 61.2838, 37.1041



Protanomaly

80.5900, 58.8691, -28.5814



Deuteranomaly

80.5270, 51.0122, -28.5262



Tritanomaly

93.3810, 22.4902, 19.8369

Monochromacy



Original Color

88.6920, 61.2838, 37.1041



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.6360, 22.3645, 13.4742

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6920, 61.2838, 37.1041 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(131, 43, 213)` looks like.

```
.text, #text, p{  
    color:rgb(131, 43, 213)  
}
```

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(131, 43, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 43, 213) }
```

Border

The CSS property to change the border of an element to YUV 88.6920, 61.2838, 37.1041 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(131, 43, 213) }
```


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

```
.border{ border-color:rgb(131, 43, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 43, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 43, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 43, 213);  
box-shadow:4px 4px 4px 4px rgb(131, 43,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 88.6920, 61.2838, 37.1041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 43, 213) }
```

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

```
.background{ background-color: rgb(131, 43,  
213) }
```

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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