

Converting Colors

YUV(87.4480, 71.2641, 9.2541)

Have a look what the booklet for
YUV(87.4480, 71.2641, 9.2541)
contains.

YUV(87.4480, 71.2641, 9.2541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(87.4480, 71.2641,
9.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	6236E8
RGB	98, 54, 232
RGB Percent	38%, 21%, 91%
CMY	0.6157, 0.7882, 0.0902
CMYK	0.58, 0.77, 0.00, 0.09
HSL	255°, 79%, 56%
HSV	255°, 77%, 91%
XYZ	20.9217, 11.0612, 77.3763
YIQ	87.4480, -30.9140, 64.6860

Conversions

Conversions Part 2

Format	Color
R _Y B	98, 54, 232
Decimal	6436584
CIE Lab	39.68, 61.88, -82.47
CIE LCh	40, 103.104, 306.882
Yxy	11.0612, 0.1913, 0.1011
Android (android.graphics.Color)	4284626664 (0xFF6236E8)
YUV	87.4480, 71.2641, 9.2541
Hunter-Lab	33.2584, 54.0858, -114.6585

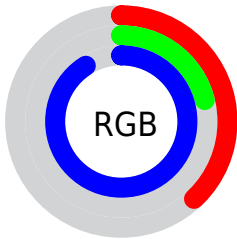
Details

The YUV color **87.4480, 71.2641, 9.2541** is a dark color, and the websafe version is hex **6600CC**.

The color can be described as dark washed purple. A complement of this color would be **198.5520, -71.2641, -9.2541**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4310, 56.9755, 18.9160**, and **19.9500, 76.4397, -17.4962** is the 20% darker color. If you saturate the color by 10%, you get **68.8640, 80.4260, 10.6433**, and if you desaturate by 10%, it is **106.0320, 62.1022, 7.8649**.

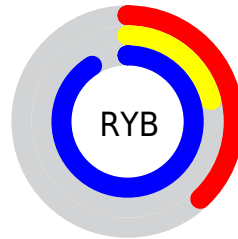
Distribution



Red (38%)

Green (21%)

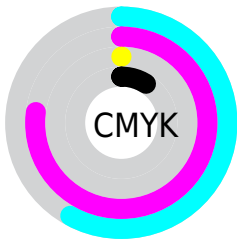
Blue (91%)



Red (38%)

Yellow (21%)

Blue (91%)

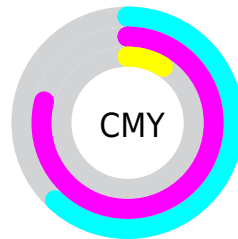


Cyan (58%)

Magenta (77%)

Yellow (0%)

Black (9%)



Cyan (62%)

Magenta (79%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4480, 71.2641, 9.2541 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 87.4480, 71.2641, 9.2541 by changing the saturation by 10% instead.

■ 87.4480, 71.2641,
9.2541

■ 87.4480, 71.2641,
9.2541

■ 255.0000, 0.0000,
0.0000

■ 56.9420, 72.0066,
4.4359

■ 139.4310, 56.9755,
18.9160

■ 19.9500, 76.4397,
-17.4962

■ 164.5490, 44.5923,
24.0745

■ 16.7580, 64.2093,
-14.6968

■ 189.6670, 32.2092,
29.2330

■ 13.7940, 52.8526,
-12.0973

■ 215.3720, 19.5366,
33.8768

■ 11.4170, 41.2064,
-10.0127

■ 232.1070, 11.2862,
20.0772

■ 12.6760, 28.2607,
-11.1169

■ 249.1300, 2.8939,

■ 7.5920, 18.9351,

5.1480

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 87.4480, 71.2641,
9.2541

■ 87.4480, 71.2641,
9.2541

■ 68.8640, 80.4260,
10.6433

■ 106.0320, 62.1022,
7.8649

■ 49.9810, 89.7354,
11.4177

■ 124.9150, 52.7929,
7.0905

■ 43.4910, 92.9349,
11.8474

■ 144.0860, 43.3416,
5.1866

■ 162.9690, 34.0323,
4.4122

■ 181.5530, 24.8704,
3.0230

■ 200.4360, 15.5611,
2.2486

■ 219.0200, 6.3991,
0.8595

■ 238.4900, -3.1996,
-0.4297

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



88.9440, 81.8656, -78.0039



87.4480, 71.2641, 9.2541



78.5670, 41.1325, 107.3737

Triad

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



87.4480, 71.2641, 9.2541



84.5550, -41.6856, 70.5503



84.3820, 13.6157, -74.0030

Complementary

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



87.4480, 71.2641, 9.2541



198.5520, -71.2641, -9.2541

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.



71.1070, -29.6328, -62.3608



87.4480, 71.2641, 9.2541



85.9420, -42.3694, 9.6979

Square

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



87.4480, 71.2641, 9.2541



63.0890, -31.1029, 129.7179



66.3310, -32.7012, -58.1723



95.0180, 49.2911, -83.3308

Rectangle

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



87.4480, 71.2641, 9.2541



79.3590, 13.1340, 127.7272



66.3310, -32.7012, -58.1723



80.3750, 0.8011, -70.4889

Sweetspot

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



87.4480, 71.2641, 9.2541



207.2110, 23.5600, 3.3230



154.1240, 38.3929, -87.8087



98.7950, 14.3981, 1.9338



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.



87.4480, 71.2641, 9.2541



64.1320, 94.0979, 12.1622



113.4610, 58.4397, 62.7397



105.2650, 4.7994, 0.6446



33.5620, 71.7009, 9.1541



9.7010, 20.3604, 2.8932

Inverse Universe

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



122.4980, 32.2925, 96.0333



110.4430, 42.6726, 126.7765



172.5390, -58.4397, -62.7397



107.6140, 2.1623, 6.4775



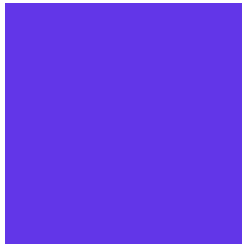
68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 87.4480, 71.2641, 9.2541 looks on a white background.

Color Contrast Check

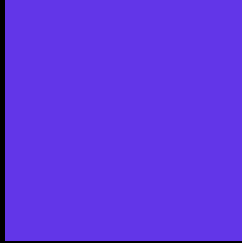
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4480, 71.2641, 9.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

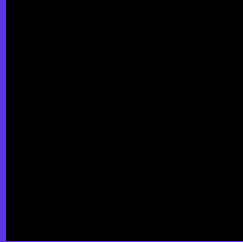
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4480, 71.2641, 9.2541

Background



This preview shows how black text looks on a background with the YUV color 87.4480, 71.2641, 9.2541.



This preview shows how white text looks on a background with the YUV color 87.4480, 71.2641,

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

87.4480, 71.2641, 9.2541

Protanopia

74.3760, 56.5096, -65.2278

Tritanopia

86.0650, 11.3070, -33.3830

Trichromacy



Original Color

87.4480, 71.2641, 9.2541

Protanomaly

79.3330, 61.9538, -38.0030

Tritanomaly

86.5980, 33.2292, -18.0644

Monochromacy



Original Color

87.4480, 71.2641, 9.2541

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1940, 26.0334, 3.3379

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4480, 71.2641, 9.2541 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(98, 54, 232)` looks like.

```
.text, #text, p{  
    color:rgb(98, 54, 232)  
}
```

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(98, 54, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 54, 232) }
```

Border

The CSS property to change the border of an element to YUV 87.4480, 71.2641, 9.2541 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(98, 54, 232) }
```

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

```
.border{ border-color:rgb(98, 54, 232) }
```

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

Here you see how a box with a 4 pixel rgb(98, 54, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 54, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 54, 232);  
box-shadow:4px 4px 4px 4px rgb(98, 54,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 87.4480, 71.2641, 9.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 54, 232) }
```

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

```
.background{ background-color: rgb(98, 54,  
232) }
```

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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