

Converting Colors

YUV(85.8370, 71.0724,
-22.6590)

Have a look what the booklet for
YUV(85.8370, 71.0724, -22.6590)
contains.

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Color

**YUV(85.8370, 71.0724,
-22.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	3C47E6
RGB	60, 71, 230
RGB Percent	24%, 28%, 90%
CMY	0.7647, 0.7216, 0.0980
CMYK	0.74, 0.69, 0.00, 0.10
HSL	236°, 77%, 57%
HSV	236°, 74%, 90%
XYZ	18.3996, 11.1803, 76.0512
YIQ	85.8370, -57.5950, 47.1170

Conversions

Conversions Part 2

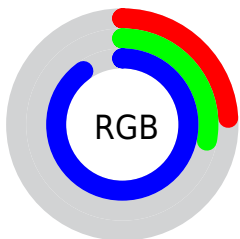
Format	Color
R _Y B	60, 70, 230
Decimal	3950566
CIE Lab	39.88, 48.37, -81.10
CIE LCh	40, 94.430, 300.811
Yxy	11.1803, 0.1742, 0.1058
Android (android.graphics.Color)	4282140646 (0xFF3C47E6)
YUV	85.8370, 71.0724, -22.6590
Hunter-Lab	33.4370, 39.7100, -111.4471

Details

The YUV color **85.8370, 71.0724, -22.6590** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **204.1630, -71.0724, 22.6590**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6790, 57.3463, -6.7345**, and **34.9840, 68.0419, -30.6810** is the 20% darker color. If you saturate the color by 10%, you get **66.0460, 80.8293, -25.4733**, and if you desaturate by 10%, it is **105.6280, 61.3154, -19.8448**.

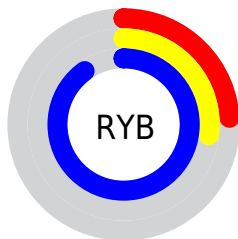
Distribution



Red (24%)

Green (28%)

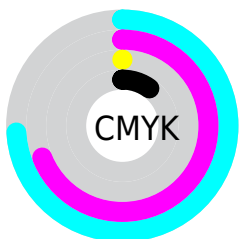
Blue (90%)



Red (24%)

Yellow (27%)

Blue (90%)

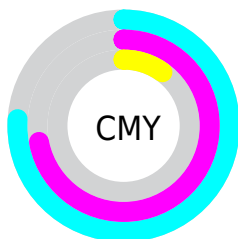


Cyan (74%)

Magenta (69%)

Yellow (0%)

Black (10%)



Cyan (76%)

Magenta (72%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8370, 71.0724, -22.6590 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 85.8370, 71.0724, -22.6590 by changing the saturation by 10% instead.

■ 85.8370, 71.0724,
-22.6590

■ 85.8370, 71.0724,
-22.6590

■ 255.0000, 0.0000,
0.0000

■ 51.0900, 73.9056,
-44.8059

■ 138.6790, 57.3463,
-6.7345

■ 34.9840, 68.0419,
-30.6810

■ 163.5090, 45.1051,
-0.4464

■ 20.1660, 62.0362,
-17.6856

■ 188.6270, 32.7219,
4.7121

■ 13.5660, 51.9790,
-11.8974

■ 214.3320, 20.0493,
9.3558

■ 16.4720, 37.7283,
-14.4459

■ 239.7380, 7.5242,
13.3848

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 85.8370, 71.0724,
-22.6590

■ 85.8370, 71.0724,
-22.6590

■ 66.0460, 80.8293,
-25.4733

■ 105.6280, 61.3154,
-19.8448

■ 46.8420, 90.2969,
-28.8024

■ 124.8320, 51.8478,
-16.5157

■ 35.0250, 96.1227,
-30.7169

■ 144.6230, 42.0909,
-13.7014

■ 163.8270, 32.6233,
-10.3723

■ 183.6180, 22.8663,
-7.5580

■ 202.8220, 13.3988,
-4.2289

■ 222.6130, 3.6418,
-1.4146

■ 241.8170, -5.8258,
1.9145

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



91.0640, 79.8344, -79.8631



85.8370, 71.0724, -22.6590



73.9120, 47.8644, 94.7932

Triad

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



85.8370, 71.0724, -22.6590



82.5390, -40.6917, 78.4573



81.7430, 6.0427, -71.6886

Complementary

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



85.8370, 71.0724, -22.6590



204.1630, -71.0724, 22.6590

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.



69.2660, -34.1481, -60.7463



85.8370, 71.0724, -22.6590



88.6770, -43.7178, 22.2083

Square

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



85.8370, 71.0724, -22.6590



65.0700, -22.2195, 127.1036



68.4570, -33.7493, -48.6358



91.8090, 39.5342, -80.5165

Rectangle

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



85.8370, 71.0724, -22.6590



76.8830, 21.7497, 117.6206



68.4570, -33.7493, -48.6358



78.0780, -5.4615, -68.4744

Sweetspot

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



85.8370, 71.0724, -22.6590



207.7320, 23.3031, -7.6580



177.9160, 20.2544, -103.4123



99.0500, 14.2724, -4.4288



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.



85.8370, 71.0724, -22.6590



62.6830, 94.8123, -30.4170



101.5060, 63.3475, 28.4972



104.9550, 4.9522, -1.7145



27.4500, 74.7142, -24.0737



7.5750, 21.4085, -6.6433

Inverse Universe

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



112.0840, -20.2544, 103.4123



97.5830, -26.9094, 138.0547



188.4940, -63.3475, -28.4972



106.7020, -1.3321, 7.2773



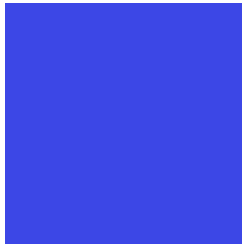
54.8890, -21.1443, 108.8453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 85.8370, 71.0724, -22.6590 looks on a white background.

Color Contrast Check

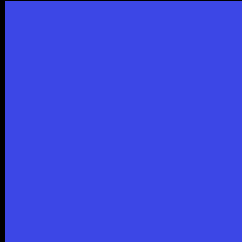
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8370, 71.0724, -22.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

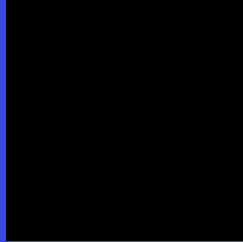
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8370, 71.0724, -22.6590

Background



This preview shows how black text looks on a background with the YUV color 85.8370, 71.0724, -22.6590.



This preview shows how white text looks on a background with the YUV color 85.8370, 71.0724, -22.6590.

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

85.8370, 71.0724, -22.6590

Protanopia

74.4900, 56.9464, -65.3277

Deuteranopia

74.8200, 42.9797, -65.6171



Tritanopia

73.5880, 17.9511, -64.5367

Trichromacy



Original Color

85.8370, 71.0724, -22.6590

Protanomaly

78.6690, 62.2812, -49.6987

Deuteranomaly

78.9650, 53.2613, -49.9583

Tritanomaly

78.1380, 37.4000, -49.2330

Monochromacy



Original Color

85.8370, 71.0724, -22.6590

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.3020, 25.4871, -8.1579

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8370, 71.0724, -22.6590 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(60, 71, 230)` looks like.

```
.text, #text, p{  
    color:rgb(60, 71, 230)  
}
```

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(60, 71, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 71, 230) }
```

Border

The CSS property to change the border of an element to YUV 85.8370, 71.0724, -22.6590 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(60, 71, 230) }
```


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

```
.border{ border-color:rgb(60, 71, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 71, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 71, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 71, 230);  
box-shadow:4px 4px 4px 4px rgb(60, 71,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 85.8370, 71.0724, -22.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 71, 230) }
```

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

```
.background{ background-color: rgb(60, 71,  
230) }
```

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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