

Converting Colors

YUV(71.7940, 66.6566, 40.5227)

Have a look what the booklet for
YUV(71.7940, 66.6566, 40.5227)
contains.

YUV(71.7940, 66.6566, 40.5227)	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>	31

Color

**YUV(71.7940, 66.6566,
40.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	7616CF
RGB	118, 22, 207
RGB Percent	46%, 9%, 81%
CMY	0.5373, 0.9137, 0.1882
CMYK	0.43, 0.89, 0.00, 0.19
HSL	271°, 81%, 45%
HSV	271°, 89%, 81%
XYZ	19.0206, 8.9304, 59.7527
YIQ	71.7940, -2.1690, 77.8870

Conversions

Conversions Part 2

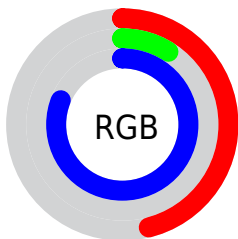
Format	Color
R_{YB}	118, 22, 207
Decimal	7739087
CIE _{Lab}	35.85, 68.97, -74.35
CIE _{LCh}	36, 101.410, 312.851
Yxy	8.9304, 0.2169, 0.1018
Android (android.graphics.Color)	4285929167 (0xFF7616CF)
YUV	71.7940, 66.6566, 40.5227
Hunter-Lab	29.8837, 61.3165, -97.6322

Details

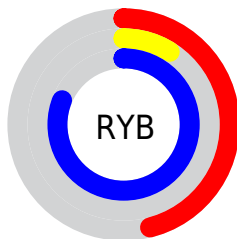
The YUV color **71.7940, 66.6566, 40.5227** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **157.2060, -66.6566, -40.5227**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.6000, 60.8362, 40.6928**, and **33.6590, 57.8491, 18.7161** is the 20% darker color. If you saturate the color by 10%, you get **56.4770, 74.2078, 45.1857**, and if you desaturate by 10%, it is **87.1110, 59.1053, 35.8597**.

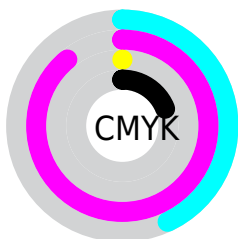
Distribution



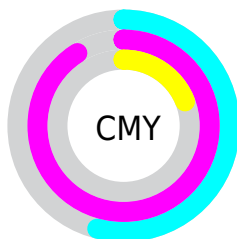
- Red (46%)
- Green (9%)
- Blue (81%)



- Red (46%)
- Yellow (9%)
- Blue (81%)



- Cyan (43%)
- Magenta (89%)
- Yellow (0%)
- Black (19%)



- Cyan (54%)
- Magenta (91%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.7940, 66.6566, 40.5227 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 71.7940, 66.6566, 40.5227 by changing the saturation by 10% instead.

71.7940, 66.6566,
40.5227

71.7940, 66.6566,
40.5227

255.0000, 0.0000,
0.0000

46.7180, 65.2150,
36.2043

131.6000, 60.8362,
40.6928

33.6590, 57.8491,
18.7161

157.0060, 48.3110,
44.7217

15.6310, 53.4259,
-9.3234

182.4120, 35.7859,
48.7507

11.1720, 42.8062,
-9.7978

203.9310, 25.1770,
44.7875

9.4960, 31.3075,
-8.3280

220.9540, 16.7847,
29.8583

8.0480, 20.6823,
-7.0581

237.9770, 8.3923,

3.7790, 11.9410,

14.9292

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 71.7940, 66.6566,
40.5227

■ 71.7940, 66.6566,
40.5227

■ 56.4770, 74.2078,
45.1857

■ 87.1110, 59.1053,
35.8597

■ 55.5910, 74.6446,
45.0857

■ 101.8410, 51.8434,
31.7114

■ 117.1580, 44.2921,
27.0484

■ 132.4750, 36.7408,
22.3854

■ 147.7920, 29.1895,
17.7224

■ 162.5220, 21.9277,
13.5742

■ 177.8390, 14.3764,
8.9112

■ 193.1560, 6.8251,
4.2482

■ 207.8860, -0.4368,
0.1000

Harmonies

Analogous

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



79.4550, 83.5857, -69.6820



71.7940, 66.6566, 40.5227



74.1790, 29.4918, 107.7140

Triad

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



71.7940, 66.6566, 40.5227



78.2540, -38.5792, 54.1512



79.3100, 19.5672, -69.5549

Complementary

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



71.7940, 66.6566, 40.5227



157.2060, -66.6566, -40.5227

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.



67.4030, -18.4397, -59.1124



71.7940, 66.6566, 40.5227



75.2330, -37.0899, -3.7123

Square

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



71.7940, 66.6566, 40.5227



56.8100, -28.0073, 116.8076



61.6350, -30.3861, -54.0539



88.6750, 52.9112, -77.7680

Rectangle

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



71.7940, 66.6566, 40.5227



72.9210, 3.9829, 122.8493



61.6350, -30.3861, -54.0539



75.5310, 7.6262, -66.2407

Sweetspot

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



71.7940, 66.6566, 40.5227



204.6300, 24.8324, 15.2335



95.3330, 55.0518, -64.3130



97.9530, 14.8132, 8.8112



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.



71.7940, 66.6566, 40.5227



68.5380, 91.9258, 55.6562



98.0630, 52.2269, 95.5377



97.0480, 3.9203, 2.5889



45.1650, 60.5577, 36.6893



10.9530, 14.8132, 8.8112

Inverse Universe

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



87.4610, 11.6047, 104.8357



90.2670, 16.1374, 144.4708



130.9370, -52.2269, -95.5377



97.8590, 0.5625, 6.2627



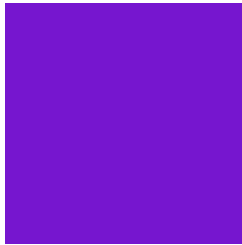
59.4660, 10.6163, 95.1843



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 71.7940, 66.6566, 40.5227 looks on a white background.

Color Contrast Check

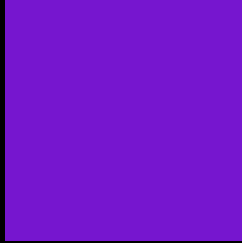
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.7940, 66.6566, 40.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

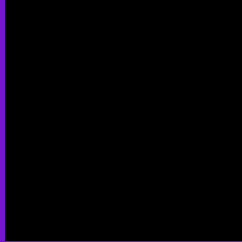
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7940, 66.6566, 40.5227

Background



This preview shows how black text looks on a background with the YUV color 71.7940, 66.6566, 40.5227.



This preview shows how white text looks on a background with the YUV color 71.7940, 66.6566,

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

71.7940, 66.6566, 40.5227

Protanopia

67.8560, 51.8360, -59.5097

Deuteranopia

68.6420, 39.6165, -60.1990



Tritanopia

85.4890, 1.7309, 4.8331

Trichromacy



Original Color

71.7940, 66.6566, 40.5227

Protanomaly

69.1670, 57.1057, -22.9485

Deuteranomaly

69.8050, 49.3961, -23.5080

Tritanomaly

80.4670, 25.4058, 18.0074

Monochromacy



Original Color

71.7940, 66.6566, 40.5227

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1030, 24.1062, 14.8187

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7940, 66.6566, 40.5227 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(118, 22, 207)` looks like.

```
.text, #text, p{  
    color:rgb(118, 22, 207)  
}
```

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(118, 22, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 22, 207) }
```

Border

The CSS property to change the border of an element to YUV 71.7940, 66.6566, 40.5227 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(118, 22, 207) }
```


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

```
.border{ border-color:rgb(118, 22, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 22, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 22, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 22, 207);  
box-shadow:4px 4px 4px 4px rgb(118, 22,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 71.7940, 66.6566, 40.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 22, 207) }
```

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

```
.background{ background-color: rgb(118, 22,  
207) }
```

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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