

Converting Colors

YUV(91.2570, 74.3163, 10.2986)

Have a look what the booklet for
YUV(91.2570, 74.3163, 10.2986)
contains.

YUV(91.2570, 74.3163, 10.2986)	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(91.2570, 74.3163,
10.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	6738F2
RGB	103, 56, 242
RGB Percent	40%, 22%, 95%
CMY	0.5961, 0.7804, 0.0510
CMYK	0.57, 0.77, 0.00, 0.05
HSL	255°, 88%, 58%
HSV	255°, 77%, 95%
XYZ	23.0347, 12.1227, 85.1303
YIQ	91.2570, -31.6940, 67.8100

Conversions

Conversions Part 2

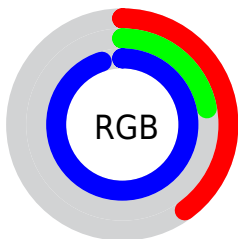
Format	Color
R_{YB}	103, 56, 242
Decimal	6764786
CIE _{Lab}	41.41, 64.28, -85.27
CIE _{LCh}	41, 106.778, 307.010
Yxy	12.1227, 0.1915, 0.1008
Android (android.graphics.Color)	4284954866 (0xFF6738F2)
YUV	91.2570, 74.3163, 10.2986
Hunter-Lab	34.8177, 57.1612, -120.5934

Details

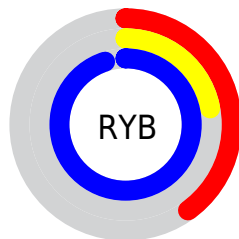
The YUV color **91.2570, 74.3163, 10.2986** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **206.7430, -74.3163, -10.2986**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9860, 55.2229, 21.0603**, and **23.9660, 78.8968, -12.2482** is the 20% darker color. If you saturate the color by 10%, you get **71.7870, 83.9150, 11.5878**, and if you desaturate by 10%, it is **110.7270, 64.7176, 9.0094**.

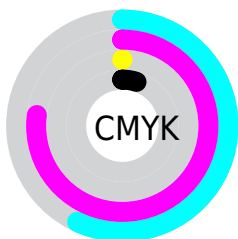
Distribution



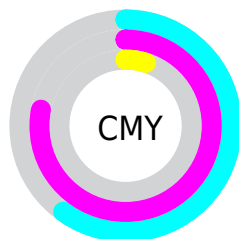
- Red (40%)
- Green (22%)
- Blue (95%)



- Red (40%)
- Yellow (22%)
- Blue (95%)



- Cyan (57%)
- Magenta (77%)
- Yellow (0%)
- Black (5%)



- Cyan (60%)
- Magenta (78%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2570, 74.3163, 10.2986 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 91.2570, 74.3163, 10.2986 by changing the saturation by 10% instead.

91.2570, 74.3163,
10.2986

91.2570, 74.3163,
10.2986

255.0000, 0.0000,
0.0000

60.7510, 75.0588,
5.4804

142.9860, 55.2229,
21.0603

23.9660, 78.8968,
-12.2482

168.1040, 42.8397,
26.2188

17.7840, 68.1405,
-15.5966

193.2220, 30.4566,
31.3773

14.7060, 56.3469,
-12.8972

217.4320, 18.5210,
32.9471

11.7420, 44.9902,
-10.2977

234.4550, 10.1287,
18.0180

14.7620, 31.1763,
-12.9463

251.4780, 1.7363,

9.0910, 22.1401,

3.0888

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 91.2570, 74.3163,
10.2986

■ 91.2570, 74.3163,
10.2986

■ 71.7870, 83.9150,
11.5878

■ 110.7270, 64.7176,
9.0094

■ 52.3170, 93.5137,
12.8770

■ 130.1970, 55.1189,
7.7202

■ 45.8270, 96.7133,
13.3067

■ 150.2540, 45.2308,
5.9162

■ 169.7240, 35.6321,
4.6271

■ 189.1940, 26.0334,
3.3379

■ 208.9630, 16.2872,
2.6634

■ 228.4330, 6.6885,
1.3743

■ 248.4900, -3.1996,
-0.4297

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



91.2570, 74.3163, 10.2986



81.9420, 42.4266, 112.3069

Triad

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



91.2570, 74.3163, 10.2986



88.1100, -43.4382, 72.6945



88.4740, 14.0633, -77.5917

Complementary

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



91.2570, 74.3163, 10.2986



206.7430, -74.3163, -10.2986

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.



74.7430, -30.9323, -65.5496



91.2570, 74.3163, 10.2986



90.0730, -44.4060, 9.5830

Square

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



91.2570, 74.3163, 10.2986



65.7800, -32.4295, 135.2509



69.2660, -34.1481, -60.7463



98.9790, 51.7754, -86.8046

Rectangle

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



91.2570, 74.3163, 10.2986



82.9190, 13.8439, 133.3750



69.2660, -34.1481, -60.7463



84.3530, 0.8120, -73.9776

Sweetspot

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



91.2570, 74.3163, 10.2986



207.2110, 23.5600, 3.3230



158.7970, 41.0191, -90.1530



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.



91.2570, 74.3163, 10.2986



64.7300, 93.8031, 13.3918



118.7650, 60.7549, 66.8581



110.2650, 4.7994, 0.6446



34.7300, 73.5901, 9.8838



10.5700, 22.3970, 3.0081

Inverse Universe

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



127.4600, 33.2972, 100.4516



110.3290, 42.2358, 126.8765



178.9360, -60.6074, -67.4729



112.6140, 2.1623, 6.4775



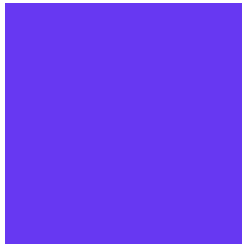
70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 91.2570, 74.3163, 10.2986 looks on a white background.

Color Contrast Check

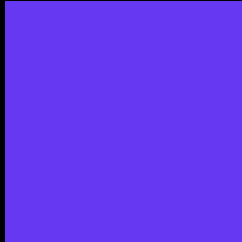
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.2570, 74.3163, 10.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

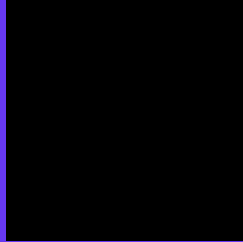
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2570, 74.3163, 10.2986

Background



This preview shows how black text looks on a background with the YUV color 91.2570, 74.3163, 10.2986.



This preview shows how white text looks on a background with the YUV color 91.2570, 74.3163,

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

91.2570, 74.3163, 10.2986

Protanopia

77.6360, 58.8465, -68.0868

Deuteranopia

77.9660, 44.8798, -68.3762



Tritanopia

90.0650, 11.3070, -33.3830

Trichromacy



Original Color

91.2570, 74.3163, 10.2986



Protanomaly

82.3050, 64.4326, -39.7325



Deuteranomaly

82.7150, 55.8495, -40.0921



Tritanomaly

90.5380, 34.2448, -17.1348

Monochromacy



Original Color

91.2570, 74.3163, 10.2986



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

90.8350, 27.1963, 3.6527

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2570, 74.3163, 10.2986 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(103, 56, 242)` looks like.

```
.text, #text, p{  
    color:rgb(103, 56, 242)  
}
```

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(103, 56, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 56, 242) }
```

Border

The CSS property to change the border of an element to YUV 91.2570, 74.3163, 10.2986 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(103, 56, 242) }
```


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

```
.border{ border-color:rgb(103, 56, 242) }
```

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

Here you see how a box with a 4 pixel rgb(103, 56, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 56, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 56, 242);  
box-shadow:4px 4px 4px 4px rgb(103, 56,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 91.2570, 74.3163, 10.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 56, 242) }
```

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

```
.background{ background-color: rgb(103, 56,  
242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor