

Converting Colors

YUV(84.0620, 69.9754, 2.5766)

Have a look what the booklet for
YUV(84.0620, 69.9754, 2.5766)
contains.

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Color

**YUV(84.0620, 69.9754,
2.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	5737E2
RGB	87, 55, 226
RGB Percent	34%, 22%, 89%
CMY	0.6588, 0.7843, 0.1137
CMYK	0.62, 0.76, 0.00, 0.11
HSL	251°, 75%, 55%
HSV	251°, 76%, 89%
XYZ	19.0241, 10.2496, 72.9272
YIQ	84.0620, -35.8190, 59.9650

Conversions

Conversions Part 2

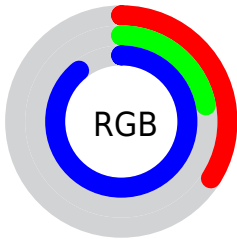
Format	Color
R _Y B	87, 55, 226
Decimal	5715938
CIE _{Lab}	38.29, 58.48, -81.39
CIE _{LCh}	38, 100.222, 305.699
Y _{xy}	10.2496, 0.1861, 0.1003
Android (android.graphics.Color)	4283906018 (0xFF5737E2)
Y _{UV}	84.0620, 69.9754, 2.5766
Hunter-Lab	32.0150, 50.0431, -112.6466

Details

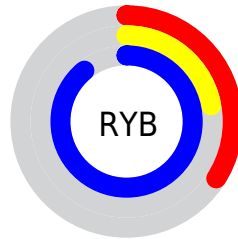
The YUV color **84.0620, 69.9754, 2.5766** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **196.9380, -69.9754, -2.5766**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4410, 58.4496, 12.7682**, and **19.2660, 73.8189, -16.8963** is the 20% darker color. If you saturate the color by 10%, you get **65.1790, 79.2848, 3.3510**, and if you desaturate by 10%, it is **102.9450, 60.6661, 1.8022**.

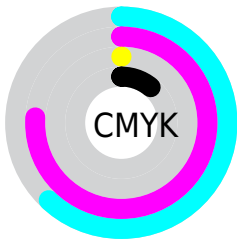
Distribution



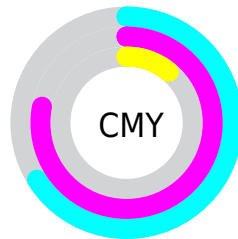
- Red (34%)
- Green (22%)
- Blue (89%)



- Red (34%)
- Yellow (22%)
- Blue (89%)



- Cyan (62%)
- Magenta (76%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (78%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.0620, 69.9754, 2.5766 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 84.0620, 69.9754, 2.5766 by changing the saturation by 10% instead.

■ 84.0620, 69.9754,
2.5766

■ 84.0620, 69.9754,
2.5766

■ 255.0000, 0.0000,
0.0000

■ 54.1320, 70.4339,
-4.5008

■ 136.4410, 58.4496,
12.7682

■ 19.2660, 73.8189,
-16.8963

■ 160.9720, 46.3558,
18.4416

■ 16.1880, 62.0253,
-14.1969

■ 186.0900, 33.9726,
23.6001

■ 13.1100, 50.2318,
-11.4975

■ 211.7950, 21.3001,
28.2438

■ 14.2550, 36.8493,
-12.5016

■ 231.5200, 11.5756,
20.5920

■ 11.5190, 26.3661,
-10.1022

■ 248.5430, 3.1833,

■ 6.5490, 17.4773,

5.6628

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 84.0620, 69.9754,
2.5766

■ 84.0620, 69.9754,
2.5766

■ 65.1790, 79.2848,
3.3510

■ 102.9450, 60.6661,
1.8022

■ 46.5840, 88.4521,
2.9958

■ 121.5400, 51.4988,
2.1574

■ 38.3220, 92.5253,
3.2256

■ 140.4230, 42.1895,
1.3830

■ 158.7190, 33.1695,
1.1234

■ 177.9010, 23.7128,
0.9638

■ 196.7840, 14.4035,
0.1894

■ 215.3790, 5.2362,
0.5446

■ 234.2620, -4.0732,
-0.2298

■ 250.7970,
-12.2249, 1.0550

Harmonies

Analogous

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



87.7700, 82.4444, -76.9743



84.0620, 69.9754, 2.5766



75.5340, 41.1487, 102.1407

Triad

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



84.0620, 69.9754, 2.5766



80.4240, -39.6490, 70.6652



81.2360, 11.7157, -71.2440

Complementary

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



84.0620, 69.9754, 2.5766



196.9380, -69.9754, -2.5766

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.



67.8470, -31.9696, -59.5018



84.0620, 69.9754, 2.5766



83.5940, -41.2118, 11.7571

Square

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



84.0620, 69.9754, 2.5766



61.2950, -30.2184, 126.0293



63.9830, -31.5436, -56.1131



90.9430, 46.3701, -79.7570

Rectangle

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



84.0620, 69.9754, 2.5766



76.6680, 14.4607, 122.1942



63.9830, -31.5436, -56.1131



77.3430, -0.6621, -67.8298

Sweetspot

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



84.0620, 69.9754, 2.5766



206.0150, 24.1496, 0.8638



156.6740, 34.1777, -89.1681



97.8980, 14.8403, 0.0895



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.



84.0620, 69.9754, 2.5766



62.3050, 94.9986, 3.2405



109.4770, 57.4458, 54.8327



102.8520, 4.5100, 0.1298



29.9310, 72.0120, 2.6915



8.1630, 19.6396, 0.7340

Inverse Universe

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



121.9750, 35.5083, 91.2299



113.9140, 48.3564, 123.7324



171.5230, -57.4458, -54.8327



105.3150, 2.3097, 5.8627



68.9260, 36.5185, 93.9039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 84.0620, 69.9754, 2.5766 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 84.0620, 69.9754, 2.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

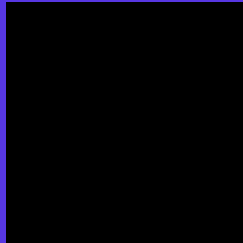
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.0620, 69.9754, 2.5766

Background



This preview shows how black text looks on a background with the YUV color 84.0620, 69.9754, 2.5766.



This preview shows how white text looks on a background with the YUV color 84.0620, 69.9754,

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

84.0620, 69.9754, 2.5766

Protanopia

71.8170, 54.3202, -62.9835

Deuteranopia

71.7880, 41.5165, -62.9581



Tritanopia

76.2910, 15.1395, -49.3672

Trichromacy



Original Color

84.0620, 69.9754, 2.5766

Protanomaly

76.1650, 60.0647, -38.7327

Deuteranomaly

76.5750, 51.4815, -39.0923

Tritanomaly

78.9770, 35.0143, -30.6748

Monochromacy



Original Color

84.0620, 69.9754, 2.5766

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7700, 25.7494, 1.0787

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.0620, 69.9754, 2.5766 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(87, 55, 226)` looks like.

```
.text, #text, p{  
    color:rgb(87, 55, 226)  
}
```

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(87, 55, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 55, 226) }
```

Border

The CSS property to change the border of an element to YUV 84.0620, 69.9754, 2.5766 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(87, 55, 226) }
```


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

```
.border{ border-color:rgb(87, 55, 226) }
```

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

Here you see how a box with a 4 pixel rgb(87, 55, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 55, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 55, 226);  
box-shadow:4px 4px 4px 4px rgb(87, 55,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 84.0620, 69.9754, 2.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 55, 226) }
```

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

```
.background{ background-color: rgb(87, 55,  
226) }
```

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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