

Converting Colors

YUV(50.2840, 96.9810, 20.7989)

Have a look what the booklet for
YUV(50.2840, 96.9810, 20.7989)
contains.

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Color

**YUV(50.2840, 96.9810,
20.7989)**

Conversions

Conversions Part 1

Format	Color
Hex	4A00F7
RGB	74, 0, 247
RGB Percent	29%, 0%, 97%
CMY	0.7098, 1.0000, 0.0314
CMYK	0.70, 1.00, 0.00, 0.03
HSL	258°, 100%, 48%
HSV	258°, 100%, 97%
XYZ	19.6125, 8.1712, 88.5392
YIQ	50.2840, -35.1830, 92.5050

Conversions

Conversions Part 2

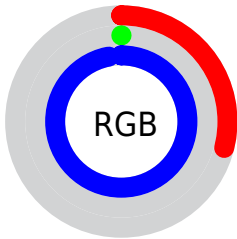
Format	Color
R_{YB}	74, 0, 247
Decimal	4849911
CIE _{Lab}	34.34, 78.49, -99.89
CIE _{LCh}	34, 127.038, 308.160
Yxy	8.1712, 0.1686, 0.0702
Android (android.graphics.Color)	4283039991 (0xFF4A00F7)
YUV	50.2840, 96.9810, 20.7989
Hunter-Lab	28.5854, 72.4451, -163.6326

Details

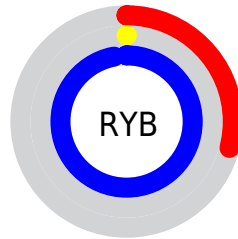
The YUV color **50.2840, 96.9810, 20.7989** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **196.7160, -96.9810, -20.7989**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0480, 68.0103, 26.2679**, and **21.5460, 82.5548, -18.8958** is the 20% darker color. If you saturate the color by 10%, you get **50.2840, 96.9810, 20.7989**, and if you desaturate by 10%, it is **70.0420, 87.2403, 18.3802**.

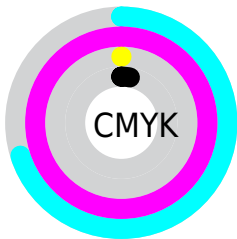
Distribution



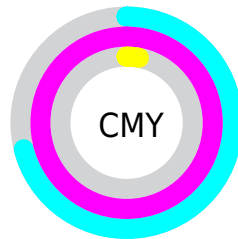
- Red (29%)
- Green (0%)
- Blue (97%)



- Red (29%)
- Yellow (0%)
- Blue (97%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (71%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.2840, 96.9810, 20.7989 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 50.2840, 96.9810, 20.7989 by changing the saturation by 10% instead.

■ 50.2840, 96.9810,
20.7989

■ 50.2840, 96.9810,
20.7989

■ 255.0000, 0.0000,
0.0000

■ 26.0480, 94.6323,
-19.3361

■ 117.0480, 68.0103,
26.2679

■ 21.5460, 82.5548,
-18.8958

■ 143.3510, 55.0430,
32.1412

■ 18.3540, 70.3245,
-16.0965

■ 169.6540, 42.0756,
38.0144

■ 15.1620, 58.0941,
-13.2971

■ 195.6580, 29.2556,
43.2729

■ 18.0680, 43.8435,
-15.8456

■ 215.0840, 19.6786,
35.0063


■ 15.6910, 32.1973,
-13.7610


■ 232.1070, 11.2862,


■ 9.4330, 23.4505,


20.0772


-8.2727


 249.7170, 2.6045,
4.6332


 5.1640, 14.7091,
-4.5288


 1.1400, 4.3680,
-0.9998

 50.2840, 96.9810,
20.7989

 70.0420, 87.2403,
18.3802

 89.5120, 77.6416,
17.0910

 109.2700, 67.9009,
14.6722

 129.0280, 58.1602,
12.2534

■ 148.7860, 48.4195,
9.8347

■ 168.2560, 38.8208,
8.5455

■ 188.0140, 29.0801,
6.1267

■ 207.7720, 19.3394,
3.7080

■ 227.2420, 9.7407,
2.4188

Harmonies

Analogous

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



84.2480, 84.1807, -73.8855



50.2840, 96.9810, 20.7989



80.6170, 38.6428, 112.5919

Triad

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



50.2840, 96.9810, 20.7989



67.4770, -33.2662, 76.7577



76.8820, 15.3412, -67.4255

Complementary

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



50.2840, 96.9810, 20.7989



196.7160, -96.9810, -20.7989

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.



62.8090, -30.9648, -55.0835



50.2840, 96.9810, 20.7989



73.1950, -36.0851, 0.7060

Square

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



50.2840, 96.9810, 20.7989



63.3880, -31.2503, 130.3327



59.8740, -29.5179, -52.5095



90.6300, 57.8634, -79.4825

Rectangle

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



50.2840, 96.9810, 20.7989



80.5680, 6.1290, 134.5599



59.8740, -29.5179, -52.5095



72.1910, -0.0942, -63.3115

Sweetspot

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



50.2840, 96.9810, 20.7989



194.2420, 29.9537, 5.9268



132.0570, 56.6669, -115.8140



91.1310, 18.1764, 3.3931



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.



50.2840, 96.9810, 20.7989



51.7940, 100.1806, 21.2287



85.8650, 79.4396, 93.9574



112.5640, 4.6519, 1.2594



37.9480, 72.9896, 15.8316



12.1080, 23.1178, 5.1673

Inverse Universe

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



93.5750, 39.1565, 134.5537



96.6510, 40.5981, 138.8721



161.1350, -79.4396, -93.9574



114.6140, 2.1623, 6.4775



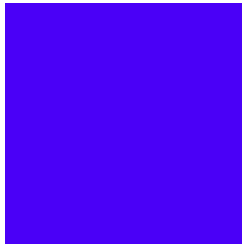
70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 50.2840, 96.9810, 20.7989 looks on a white background.

Color Contrast Check

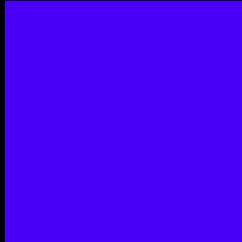
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2840, 96.9810, 20.7989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

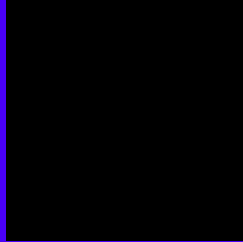
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2840, 96.9810, 20.7989

Background



This preview shows how black text looks on a background with the YUV color 50.2840, 96.9810, 20.7989.



This preview shows how white text looks on a background with the YUV color 50.2840, 96.9810,

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



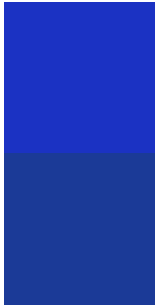
Protanopia

65.2970, 49.6466, -57.2655

Tritanopia

64.3610, 15.5980, -56.4446

Trichromacy



Protanomaly

59.6530, 66.7261, -28.6367

Tritanomaly

59.3330, 45.1918, -28.3560

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.3330, 35.3318, 7.6010

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2840, 96.9810, 20.7989 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(74, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 247)  
}
```

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(74, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 247) }
```

Border

The CSS property to change the border of an element to YUV 50.2840, 96.9810, 20.7989 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(74, 0, 247) }
```

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

```
.border{ border-color:rgb(74, 0, 247) }
```

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

Here you see how a box with a 4 pixel rgb(74, 0, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 0, 247)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.2840, 96.9810, 20.7989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 0, 247) }
```

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

```
.background{ background-color: rgb(74, 0,  
247) }
```

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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