

Converting Colors

YUV(51.4370, 94.9336, 24.1728)

Have a look what the booklet for
YUV(51.4370, 94.9336, 24.1728)
contains.

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Color

**YUV(51.4370, 94.9336,
24.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	4F00F4
RGB	79, 0, 244
RGB Percent	31%, 0%, 96%
CMY	0.6902, 1.0000, 0.0431
CMYK	0.68, 1.00, 0.00, 0.04
HSL	259°, 100%, 48%
HSV	259°, 100%, 96%
XYZ	19.5536, 8.1939, 86.1389
YIQ	51.4370, -31.2400, 92.6320

Conversions

Conversions Part 2

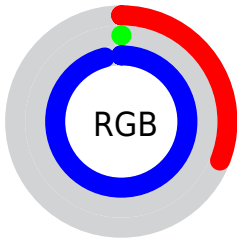
Format	Color
R _Y B	79, 0, 244
Decimal	5177588
CIE Lab	34.38, 78.00, -98.11
CIE LCh	34, 125.331, 308.485
Yxy	8.1939, 0.1717, 0.0719
Android (android.graphics.Color)	4283367668 (0xFF4F00F4)
YUV	51.4370, 94.9336, 24.1728
Hunter-Lab	28.6250, 71.8385, -158.3791

Details

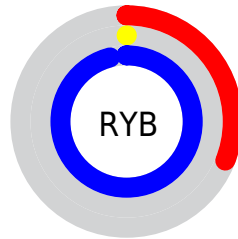
The YUV color **51.4370, 94.9336, 24.1728** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **192.5630, -94.9336, -24.1728**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9450, 67.5681, 28.1122**, and **21.2040, 81.2444, -18.5959** is the 20% darker color. If you saturate the color by 10%, you get **51.4370, 94.9336, 24.1728**, and if you desaturate by 10%, it is **70.6080, 85.4823, 22.2688**.

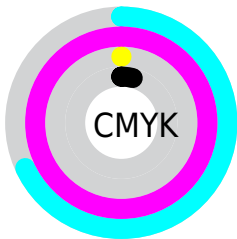
Distribution



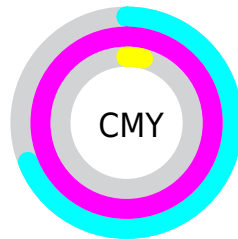
- Red (31%)
- Green (0%)
- Blue (96%)



- Red (31%)
- Yellow (0%)
- Blue (96%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (69%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4370, 94.9336, 24.1728 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 51.4370, 94.9336, 24.1728 by changing the saturation by 10% instead.

■ 51.4370, 94.9336,
24.1728

■ 51.4370, 94.9336,
24.1728

■ 255.0000, 0.0000,
0.0000

■ 31.9850, 90.2264,
-6.1258

■ 117.9450, 67.5681,
28.1122

■ 21.2040, 81.2444,
-18.5959

■ 144.2480, 54.6007,
33.9855

■ 18.0120, 69.0141,
-15.7965

■ 170.2520, 41.7808,
39.2440

■ 14.9340, 57.2205,
-13.0971

■ 196.2560, 28.9608,
44.5025

■ 17.7260, 42.5331,
-15.5457

■ 215.6710, 19.3892,
34.4915


■ 14.8760, 31.6131,
-13.0463


■ 232.6940, 10.9969,


■ 9.2050, 22.5769,


19.5624


-8.0728


 249.7170, 2.6045,
4.6332


 4.9360, 13.8356,
-4.3289


 0.5700, 2.1840,
-0.4999

 51.4370, 94.9336,
24.1728

 70.6080, 85.4823,
22.2688

 90.0670, 75.8890,
19.2352

 109.2380, 66.4377,
17.3313

 128.6970, 56.8444,
14.2977

■ 147.8680, 47.3931,
12.3938

■ 166.7400, 38.0892,
9.8750

■ 186.4980, 28.3485,
7.4563

■ 205.3700, 19.0446,
4.9375

■ 225.1280, 9.3039,
2.5187

Harmonies

Analogous

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



83.6610, 84.4701, -73.3707



51.4370, 94.9336, 24.1728



80.0900, 37.9166, 112.1771

Triad

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



51.4370, 94.9336, 24.1728



68.3520, -33.6975, 75.1133



76.9960, 15.7780, -67.5255

Complementary

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



51.4370, 94.9336, 24.1728



192.5630, -94.9336, -24.1728

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



51.4370, 94.9336, 24.1728



72.8960, -35.9377, 0.0912

Square

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



51.4370, 94.9336, 24.1728



62.7900, -30.9555, 129.1032



59.8740, -29.5179, -52.5095



90.0430, 58.1528, -78.9677

Rectangle

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



51.4370, 94.9336, 24.1728



80.0410, 5.4028, 134.1450



59.8740, -29.5179, -52.5095



72.3050, 0.3426, -63.4115

Sweetspot

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



51.4370, 94.9336, 24.1728



194.8400, 29.6589, 7.1563



125.8450, 58.2504, -110.3661



91.4300, 18.0290, 4.0079



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.



51.4370, 94.9336, 24.1728



53.8870, 99.1487, 25.5321



87.3170, 77.2447, 97.9460



112.5640, 4.6519, 1.2594



39.1440, 72.4000, 18.2907



12.4070, 22.9703, 5.7821

Inverse Universe

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



91.7660, 36.1044, 133.5092



95.8530, 37.5405, 139.5719



156.6830, -77.2447, -97.9460



114.5000, 1.7255, 6.5775



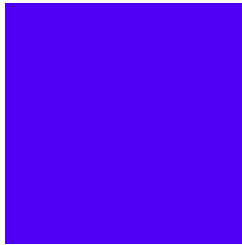
69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 51.4370, 94.9336, 24.1728 looks on a white background.

Color Contrast Check

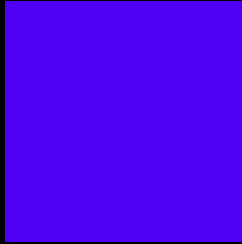
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4370, 94.9336, 24.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

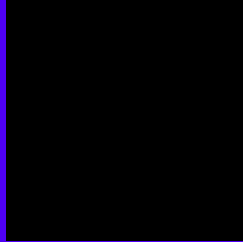
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4370, 94.9336, 24.1728

Background



This preview shows how black text looks on a background with the YUV color 51.4370, 94.9336, 24.1728.



This preview shows how white text looks on a background with the YUV color 51.4370, 94.9336,

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

Deuteranopia

65.3820, 37.2797, -57.3400

Tritanopia

64.4750, 16.0348, -56.5446

Trichromacy



Protanomaly

60.1370, 65.9945, -27.3071

Deuteranomaly

60.0740, 58.1375, -27.2519

Tritanomaly

59.8170, 44.4602, -27.0265

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8170, 34.6002, 8.9305

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4370, 94.9336, 24.1728 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(79, 0, 244)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 244)  
}
```

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(79, 0, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 244) }
```

Border

The CSS property to change the border of an element to YUV 51.4370, 94.9336, 24.1728 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(79, 0, 244) }
```

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

```
.border{ border-color:rgb(79, 0, 244) }
```

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

Here you see how a box with a 4 pixel rgb(79, 0, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 244);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 244)  
}
```


Background

The CSS property to change the background color of an element to YUV 51.4370, 94.9336, 24.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 244) }
```

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

```
.background{ background-color: rgb(79, 0,  
244) }
```

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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