

Converting Colors

YUV(54.7040, 92.8299,
-47.9754)

Have a look what the booklet for
YUV(54.7040, 92.8299, -47.9754)
contains.

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Color

**YUV(54.7040, 92.8299,
-47.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	002EF3
RGB	0, 46, 243
RGB Percent	0%, 18%, 95%
CMY	1.0000, 0.8196, 0.0471
CMYK	1.00, 0.81, 0.00, 0.05
HSL	229°, 100%, 48%
HSV	229°, 100%, 95%
XYZ	17.1547, 8.4251, 85.5161
YIQ	54.7040, -90.6530, 51.5150

Conversions

Conversions Part 2

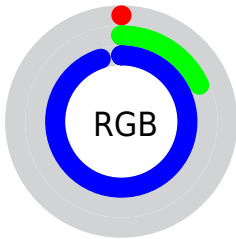
Format	Color
RYB	0, 39, 243
Decimal	12019
CIELab	34.85, 63.37, -96.85
CIELCh	35, 115.740, 303.198
Yxy	8.4251, 0.1544, 0.0758
Android (android.graphics.Color)	4278202099 (0xFF002EF3)
YUV	54.7040, 92.8299, -47.9754
Hunter-Lab	29.0259, 54.7001, -154.3617

Details

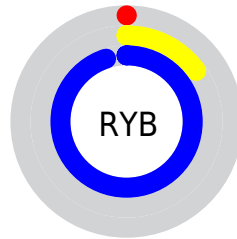
The YUV color **54.7040, 92.8299, -47.9754** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **188.2960, -92.8299, 47.9754**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8070, 66.6501, -4.2157**, and **21.0900, 80.8076, -18.4959** is the 20% darker color. If you saturate the color by 10%, you get **54.7040, 92.8299, -47.9754**, and if you desaturate by 10%, it is **73.6200, 83.5043, -43.5167**.

Distribution



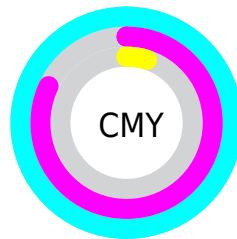
- Red (0%)
- Green (18%)
- Blue (95%)



- Red (0%)
- Yellow (15%)
- Blue (95%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (82%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.7040, 92.8299, -47.9754 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 54.7040, 92.8299, -47.9754 by changing the saturation by 10% instead.

■ 54.7040, 92.8299,
-47.9754

■ 54.7040, 92.8299,
-47.9754

■ 255.0000, 0.0000,
0.0000

■ 36.1360, 87.6870,
-31.6913

■ 119.8070, 66.6501,
-4.2157

■ 21.0900, 80.8076,
-18.4959

■ 145.5340, 53.9667,
3.9167

■ 17.8980, 68.5773,
-15.6965

■ 171.5490, 41.1413,
10.9195

■ 14.8200, 56.7837,
-12.9971

■ 196.9660, 28.6108,
16.6928

■ 21.1340, 40.3599,
-18.5345

■ 223.2690, 15.6434,
22.5661

■ 14.7620, 31.1763,
-12.9463

■ 242.0860, 6.3666,

■ 9.0910, 22.1401,

11.3256

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 54.7040, 92.8299,
-47.9754

■ 73.6200, 83.5043,
-43.5167

■ 92.2480, 74.3207,
-37.9285

■ 111.1640, 64.9951,
-33.4698

■ 130.0800, 55.6696,
-29.0112

■ 148.9960, 46.3440,
-24.5525

■ 167.6240, 37.1604,
-18.9642

■ 186.5400, 27.8348,
-14.5056

■ 205.4560, 18.5092,
-10.0469

■ 224.0840, 9.3256,
-4.4587

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



54.7040, 92.8299, -47.9754



75.6630, 45.5221, 99.3965

Triad

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



54.7040, 92.8299, -47.9754



64.2870, -31.6935, 85.6943



74.8300, 7.4788, -65.6259

Complementary

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



54.7040, 92.8299, -47.9754



188.2960, -92.8299, 47.9754

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



54.7040, 92.8299, -47.9754



76.2290, -37.5809, 13.8312

Square

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



54.7040, 92.8299, -47.9754



63.0890, -31.1029, 129.7179



59.2870, -29.2285, -51.9947



87.3070, 47.6696, -76.5682

Rectangle

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



54.7040, 92.8299, -47.9754



78.0920, 14.7446, 124.4533



59.2870, -29.2285, -51.9947



70.4810, -6.6461, -61.8118

Sweetspot

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



54.7040, 92.8299, -47.9754



195.8820, 29.1452, -14.8055



164.7570, 14.4168, -144.4919



91.9400, 17.7776, -8.7174



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.



54.7040, 92.8299, -47.9754



57.2460, 97.4927, -50.2047



49.5290, 95.3812, 20.5841



112.5420, 4.6628, -2.2293



41.7490, 71.1157, -36.6139



13.1830, 22.5878, -11.5615

Inverse Universe

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



77.9010, -15.7272, 144.7918



81.7170, -16.6225, 151.9692



193.4710, -95.3812, -20.5841



113.8160, -0.8953, 7.1774



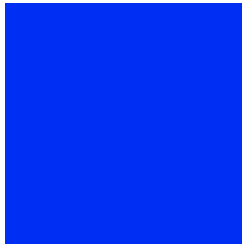
59.6040, -12.1298, 110.8493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 54.7040, 92.8299, -47.9754 looks on a white background.

Color Contrast Check

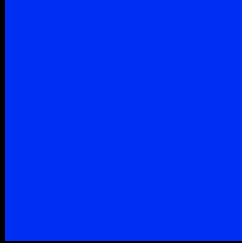
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7040, 92.8299, -47.9754 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 54.7040, 92.8299, -47.9754

Background



This preview shows how black text looks on a background with the YUV color 54.7040, 92.8299, -47.9754.



This preview shows how white text looks on a background with the YUV color 54.7040, 92.8299, -47.9754.

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

54.7040, 92.8299, -47.9754

Protanopia

65.1830, 49.2098, -57.1655

Tritanopia

64.2470, 15.1612, -56.3446

Trichromacy



Original Color

54.7040, 92.8299, -47.9754

Protanomaly

61.3310, 64.9128, -53.7873

Tritanomaly

61.0110, 43.3786, -53.5066

Monochromacy



Original Color

54.7040, 92.8299, -47.9754

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0110, 33.5186, -17.5496

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.7040, 92.8299, -47.9754 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(0, 46, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 243)  
}
```

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(0, 46, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 243) }
```

Border

The CSS property to change the border of an element to YUV 54.7040, 92.8299, -47.9754 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(0, 46, 243) }
```

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

```
.border{ border-color:rgb(0, 46, 243) }
```

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

Here you see how a box with a 4 pixel rgb(0, 46, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 46, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 46, 243)  
}
```


Background

The CSS property to change the background color of an element to YUV 54.7040, 92.8299, -47.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 243) }
```

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

```
.background{ background-color: rgb(0, 46,  
243) }
```

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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