

Converting Colors

YUV(54.3790, 89.0462,
-47.6904)

Have a look what the booklet for
YUV(54.3790, 89.0462, -47.6904)
contains.

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Color

**YUV(54.3790, 89.0462,
-47.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	002FEB
RGB	0, 47, 235
RGB Percent	0%, 18%, 92%
CMY	1.0000, 0.8157, 0.0784
CMYK	1.00, 0.80, 0.00, 0.08
HSL	228°, 100%, 46%
HSV	228°, 100%, 92%
XYZ	16.0119, 8.0312, 79.3035
YIQ	54.3790, -88.3600, 48.5040

Conversions

Conversions Part 2

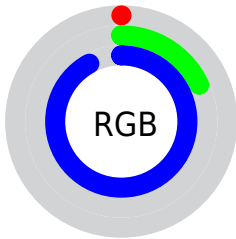
Format	Color
RYB	0, 39, 235
Decimal	12267
CIELab	34.05, 60.42, -93.66
CIELCh	34, 111.456, 302.828
Yxy	8.0312, 0.1549, 0.0777
Android (android.graphics.Color)	4278202347 (0xFF002FEB)
YUV	54.3790, 89.0462, -47.6904
Hunter-Lab	28.3394, 51.2598, -146.0768

Details

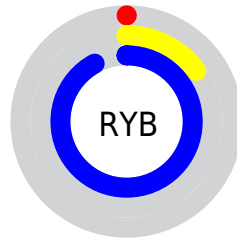
The YUV color **54.3790, 89.0462, -47.6904** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **180.6210, -89.0462, 47.6904**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2090, 66.9450, -5.4453**, and **20.1780, 77.3132, -17.6961** is the 20% darker color. If you saturate the color by 10%, you get **54.3790, 89.0462, -47.6904**, and if you desaturate by 10%, it is **72.4090, 80.1574, -43.3317**.

Distribution



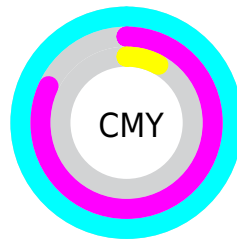
- Red (0%)
- Green (18%)
- Blue (92%)



- Red (0%)
- Yellow (15%)
- Blue (92%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (82%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3790, 89.0462, -47.6904 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 54.3790, 89.0462, -47.6904 by changing the saturation by 10% instead.

■ 54.3790, 89.0462,
-47.6904

■ 54.3790, 89.0462,
-47.6904

■ 255.0000, 0.0000,
0.0000

■ 36.3980, 83.6138,
-31.9210

■ 119.2090, 66.9450,
-5.4453

■ 20.1780, 77.3132,
-17.6961

■ 144.6370, 54.4090,
2.0724

■ 17.1000, 65.5197,
-14.9967

■ 170.3530, 41.7310,
8.4604

■ 14.0220, 53.7262,
-12.2973

■ 196.0690, 29.0530,
14.8485

■ 19.8630, 38.0285,
-17.4199

■ 222.0730, 16.2330,
20.1070

■ 12.9040, 29.1343,
-11.3168

■ 242.0860, 6.3666,

■ 7.8200, 19.8087,

11.3256

-6.8581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 54.3790, 89.0462,
-47.6904

■ 72.4090, 80.1574,
-43.3317

■ 90.7380, 71.1212,
-38.3582

■ 108.4800, 62.3744,
-32.8700

■ 126.5100, 53.4856,
-28.5113

■ 144.8390, 44.4494,
-23.5378

■ 162.8690, 35.5606,
-19.1791

■ 180.8990, 26.6718,
-14.8204

■ 198.6410, 17.9250,
-9.3322

■ 216.6710, 9.0362,
-4.9735

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



54.3790, 89.0462, -47.6904



73.0000, 44.3700, 95.5930

Triad

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



54.3790, 89.0462, -47.6904



63.0910, -31.1039, 83.2352



72.7270, 7.0366, -63.7816

Complementary

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



54.3790, 89.0462, -47.6904



180.6210, -89.0462, 47.6904

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.



61.0480, -30.0967, -53.5391



54.3790, 89.0462, -47.6904



74.7560, -36.8547, 14.2460

Square

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



54.3790, 89.0462, -47.6904



60.9960, -30.0710, 125.4145



57.5260, -28.3603, -50.4503



84.7480, 45.4802, -74.3240

Rectangle

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



54.3790, 89.0462, -47.6904



75.7710, 14.9029, 120.3498



57.5260, -28.3603, -50.4503



68.4920, -6.6516, -60.0675

Sweetspot

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



54.3790, 89.0462, -47.6904



196.4690, 28.8558, -15.3203



159.3770, 14.1111, -139.7736



92.5270, 17.4882, -9.2322



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.



54.3790, 89.0462, -47.6904



59.0070, 96.6245, -51.7491



47.7200, 92.3290, 19.5396



108.4280, 4.2260, -2.1294



41.7660, 68.6424, -36.6288



12.6130, 20.4038, -11.0616

Inverse Universe

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



75.6230, -14.1111, 139.7736



82.0590, -15.3121, 151.6693



186.9810, -92.1816, -20.1543



109.5170, -0.7479, 6.5626



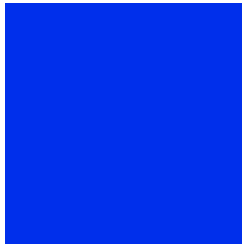
58.2230, -10.9559, 107.6754



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 54.3790, 89.0462, -47.6904 looks on a white background.

Color Contrast Check

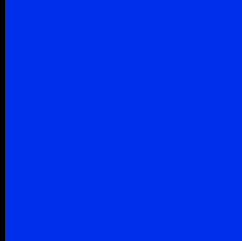
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3790, 89.0462, -47.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

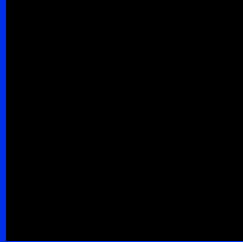
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3790, 89.0462, -47.6904

Background



This preview shows how black text looks on a background with the YUV color 54.3790, 89.0462, -47.6904.



This preview shows how white text looks on a background with the YUV color 54.3790, 89.0462, -47.6904.

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

63.6670, 48.4782, -55.8360

Deuteranopia

63.7520, 36.1113, -55.9105

Tritanopia

62.8450, 14.8664, -55.1151

Trichromacy



Protanomaly

60.2880, 63.4550, -52.8726

Deuteranomaly

60.2250, 55.5981, -52.8173

Tritanomaly

59.9680, 41.9208, -52.5919

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.7830, 32.6450, -17.3497

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3790, 89.0462, -47.6904 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, 47, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 235)  
}
```

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, 47, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 235) }
```

Border

The CSS property to change the border of an element to YUV 54.3790, 89.0462, -47.6904 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, 47, 235) }
```

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

```
.border{ border-color:rgb(0, 47, 235) }
```

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

Here you see how a box with a 4 pixel rgb(0, 47, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 47, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 47, 235)  
}
```


Background

The CSS property to change the background color of an element to YUV 54.3790, 89.0462, -47.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 235) }
```

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

```
.background{ background-color: rgb(0, 47,  
235) }
```

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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