

Converting Colors

YUV(47.5460, 95.8658,
-41.6978)

Have a look what the booklet for
YUV(47.5460, 95.8658, -41.6978)
contains.

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Color

**YUV(47.5460, 95.8658,
-41.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	0022F2
RGB	0, 34, 242
RGB Percent	0%, 13%, 95%
CMY	1.0000, 0.8667, 0.0510
CMYK	1.00, 0.86, 0.00, 0.05
HSL	232°, 100%, 47%
HSV	232°, 100%, 95%
XYZ	16.5990, 7.5549, 84.5878
YIQ	47.5460, -87.0320, 57.4800

Conversions

Conversions Part 2

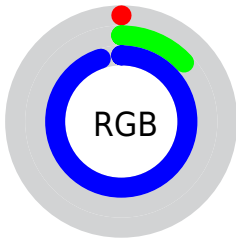
Format	Color
RYB	0, 30, 242
Decimal	8946
CIELab	33.04, 68.11, -99.31
CIELCh	33, 120.420, 304.444
Yxy	7.5549, 0.1526, 0.0695
Android (android.graphics.Color)	4278199026 (0xFF0022F2)
YUV	47.5460, 95.8658, -41.6978
Hunter-Lab	27.4861, 59.6966, -163.2231

Details

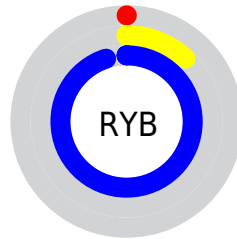
The YUV color **47.5460, 95.8658, -41.6978** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **194.4540, -95.8658, 41.6978**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2360, 69.3967, 1.5470**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **47.5460, 95.8658, -41.6978**, and if you desaturate by 10%, it is **67.0490, 86.2508, -37.7540**.

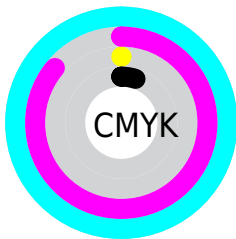
Distribution



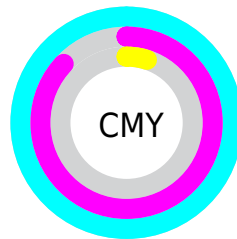
- Red (0%)
- Green (13%)
- Blue (95%)



- Red (0%)
- Yellow (12%)
- Blue (95%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (87%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5460, 95.8658, -41.6978 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 47.5460, 95.8658, -41.6978 by changing the saturation by 10% instead.

■ 47.5460, 95.8658,
-41.6978

■ 47.5460, 95.8658,
-41.6978

■ 255.0000, 0.0000,
0.0000

■ 24.8690, 92.7486,
-21.8101

■ 114.2360, 69.3967,
1.5470

■ 20.9760, 80.3708,
-18.3960

■ 140.5500, 56.4238,
9.1646

■ 17.7840, 68.1405,
-15.5966

■ 165.6790, 44.0353,
16.0675

■ 14.7060, 56.3469,
-12.8972

■ 191.9820, 31.0679,
21.9408

■ 21.0200, 39.9231,
-18.4345

■ 218.2850, 18.1005,
27.8141

■ 14.6480, 30.7395,
-12.8463

■ 236.2160, 9.2605,

■ 9.0910, 22.1401,

16.4736

-7.9728

253.2390, 0.8682,
1.5444

4.7080, 12.9620,
-4.1289

0.3420, 1.3104,
-0.2999

47.5460, 95.8658,
-41.6978

67.0490, 86.2508,
-37.7540

86.5520, 76.6359,
-33.8101

105.7670, 67.1629,
-28.7367

125.2700, 57.5479,
-24.7928

■ 144.7730, 47.9329,
-20.8489

■ 164.2760, 38.3179,
-16.9051

■ 183.7790, 28.7030,
-12.9612

■ 202.9940, 19.2300,
-7.8877

■ 222.4970, 9.6150,
-3.9439

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



47.5460, 95.8658, -41.6978



75.6910, 43.0433, 101.1260

Triad

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



47.5460, 95.8658, -41.6978



58.3840, -28.7833, 85.6092



72.0090, 9.3626, -63.1519

Complementary

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



47.5460, 95.8658, -41.6978



194.4540, -95.8658, 41.6978

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.



59.8740, -29.5179, -52.5095



47.5460, 95.8658, -41.6978



71.7770, -35.3861, 9.8426

Square

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



47.5460, 95.8658, -41.6978



61.8930, -30.5132, 127.2588



56.9390, -28.0709, -49.9355



85.3010, 50.1376, -74.8090

Rectangle

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



47.5460, 95.8658, -41.6978



77.1800, 11.2503, 125.2531



56.9390, -28.0709, -49.9355



67.5460, -5.1992, -59.2378

Sweetspot

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



47.5460, 95.8658, -41.6978



193.5340, 30.3027, -12.7463



165.5380, 19.9478, -145.1768



90.7660, 18.3564, -7.6878



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.



47.5460, 95.8658, -41.6978



50.2020, 100.9654, -44.0272



53.0030, 93.1755, 28.0614



110.5420, 4.6628, -2.2293



36.2380, 72.8467, -31.7807



11.0800, 22.1456, -9.7172

Inverse Universe

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



76.2340, -20.8214, 145.3768



80.3490, -21.8641, 153.1689



188.9970, -93.1755, -28.0614



111.8160, -0.8953, 7.1774



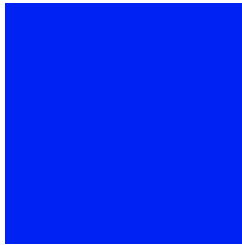
57.9800, -15.7661, 110.5195



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 47.5460, 95.8658, -41.6978 looks on a white background.

Color Contrast Check

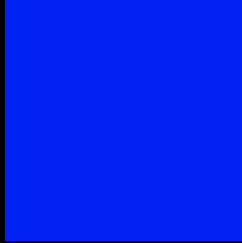
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5460, 95.8658, -41.6978 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 47.5460, 95.8658, -41.6978

Background



This preview shows how black text looks on a background with the YUV color 47.5460, 95.8658, -41.6978.



This preview shows how white text looks on a background with the YUV color 47.5460, 95.8658, -41.6978.

-41.6978.

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

47.5460, 95.8658, -41.6978

Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

62.1220, 34.9429, -54.4810



Tritanopia

60.7420, 14.4242, -53.2707

Trichromacy



Original Color

47.5460, 95.8658, -41.6978

Protanomaly

56.6520, 64.7546, -49.6838

Deuteranomaly

56.7030, 57.3344, -49.7285

Tritanomaly

55.8590, 43.9465, -48.9883

Monochromacy



Original Color

47.5460, 95.8658, -41.6978

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0760, 34.9655, -14.9757

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5460, 95.8658, -41.6978 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, 34, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 242)  
}
```

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, 34, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 242) }
```

Border

The CSS property to change the border of an element to YUV 47.5460, 95.8658, -41.6978 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, 34, 242) }
```


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

```
.border{ border-color:rgb(0, 34, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 34, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 34, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 34, 242)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5460, 95.8658, -41.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 242) }
```

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

```
.background{ background-color: rgb(0, 34,  
242) }
```

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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