

Converting Colors

YUV(48.5030, 94.4080,
-40.7831)

Have a look what the booklet for
YUV(48.5030, 94.4080, -40.7831)
contains.

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Color

**YUV(48.5030, 94.4080,
-40.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	0223F0
RGB	2, 35, 240
RGB Percent	1%, 14%, 94%
CMY	0.9922, 0.8627, 0.0588
CMYK	0.99, 0.85, 0.00, 0.06
HSL	232°, 98%, 47%
HSV	232°, 99%, 94%
XYZ	16.3542, 7.5062, 83.0250
YIQ	48.5030, -85.4730, 56.7590

Conversions

Conversions Part 2

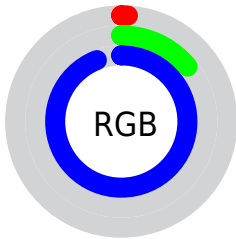
Format	Color
R_{YB}	2, 31, 240
Decimal	140272
CIE _{Lab}	32.93, 67.18, -98.35
CIE _{LCh}	33, 119.107, 304.337
Yxy	7.5062, 0.1530, 0.0702
Android (android.graphics.Color)	4278330352 (0xFF0223F0)
YUV	48.5030, 94.4080, -40.7831
Hunter-Lab	27.3975, 58.6053, -160.4931

Details

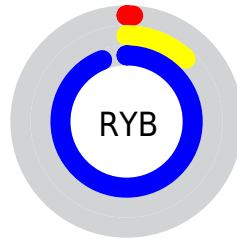
The YUV color **48.5030, 94.4080, -40.7831** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **193.4970, -94.4080, 40.7831**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8230, 69.1073, 1.0322**, and **20.7480, 79.4972, -18.1960** is the 20% darker color. If you saturate the color by 10%, you get **46.7310, 95.2816, -40.9831**, and if you desaturate by 10%, it is **68.0060, 84.7930, -36.8393**.

Distribution



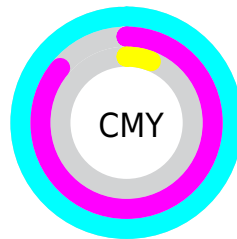
- Red (1%)
- Green (14%)
- Blue (94%)



- Red (1%)
- Yellow (12%)
- Blue (94%)



- Cyan (99%)
- Magenta (85%)
- Yellow (0%)
- Black (6%)



- Cyan (99%)
- Magenta (86%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.5030, 94.4080, -40.7831 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 48.5030, 94.4080, -40.7831 by changing the saturation by 10% instead.

■ 48.5030, 94.4080,
-40.7831

■ 48.5030, 94.4080,
-40.7831

255.0000, 0.0000,
0.0000

■ 25.8150, 91.2962,
-22.6398

■ 114.8230, 69.1073,
1.0322

■ 20.7480, 79.4972,
-18.1960

■ 140.5500, 56.4238,
9.1646

■ 17.5560, 67.2669,
-15.3966

■ 166.2660, 43.7459,
15.5527

■ 14.4780, 55.4733,
-12.6972

■ 191.6830, 31.2153,
21.3260

■ 20.9060, 39.4863,
-18.3346

■ 217.9860, 18.2479,
27.1993

■ 13.9470, 30.5921,
-12.2315

■ 236.8030, 8.9711,

■ 8.2760, 21.5559,

15.9588

-7.2581

253.8260, 0.5788,
1.0296

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 48.5030, 94.4080,
-40.7831

■ 48.5030, 94.4080,
-40.7831

■ 46.7310, 95.2816,
-40.9831

■ 68.0060, 84.7930,
-36.8393

■ 86.9220, 75.4675,
-32.3806

■ 106.4250, 65.8525,
-28.4367

■ 125.9280, 56.2375,
-24.4929

■ 144.8440, 46.9119,
-20.0342

■ 164.3470, 37.2969,
-16.0903

■ 183.8500, 27.6819,
-12.1465

■ 202.7660, 18.3564,
-7.6878

■ 222.2690, 8.7414,
-3.7439

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



48.5030, 94.4080, -40.7831



74.9790, 42.9014, 99.9964

Triad

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



48.5030, 94.4080, -40.7831



58.9710, -29.0727, 85.0944



71.8950, 8.9258, -63.0519

Complementary

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



48.5030, 94.4080, -40.7831



193.4970, -94.4080, 40.7831

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



48.5030, 94.4080, -40.7831



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.



48.5030, 94.4080, -40.7831



61.2950, -30.2184, 126.0293



56.9390, -28.0709, -49.9355



84.4860, 49.5534, -74.0942

Rectangle

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



48.5030, 94.4080, -40.7831



76.8810, 11.3977, 124.6384



56.9390, -28.0709, -49.9355



67.4320, -5.6360, -59.1379

Sweetspot

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



48.5030, 94.4080, -40.7831



193.5340, 30.3027, -12.7463



164.7340, 19.3581, -142.7177



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.



48.5030, 94.4080, -40.7831



49.6150, 101.2548, -43.5124



53.9490, 91.7231, 27.2317



110.5420, 4.6628, -2.2293



35.6510, 73.1361, -31.2659



11.0800, 22.1456, -9.7172

Inverse Universe

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



76.9240, -20.6685, 143.0177



80.2350, -22.3009, 153.2689



188.0510, -91.7231, -27.2317



111.8160, -0.8953, 7.1774



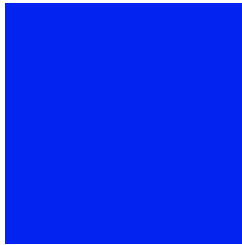
57.8660, -16.2029, 110.6195



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 48.5030, 94.4080, -40.7831 looks on a white background.

Color Contrast Check

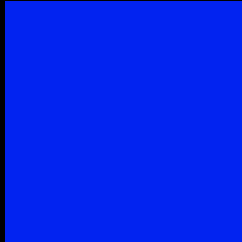
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5030, 94.4080, -40.7831 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 48.5030, 94.4080, -40.7831

Background



This preview shows how black text looks on a background with the YUV color 48.5030, 94.4080, -40.7831.



This preview shows how white text looks on a background with the YUV color 48.5030, 94.4080, -40.7831.

-40.7831.

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

48.5030, 94.4080, -40.7831

Protanopia

61.2220, 46.7256, -53.6917

Deuteranopia

62.0080, 34.5061, -54.3810



Tritanopia

60.7420, 14.4242, -53.2707

Trichromacy



Original Color

48.5030, 94.4080, -40.7831

Protanomaly

56.8370, 64.1704, -48.9690

Deuteranomaly

57.3610, 56.0240, -49.4286

Tritanomaly

56.1580, 43.7991, -48.3736

Monochromacy



Original Color

48.5030, 94.4080, -40.7831

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8480, 34.0919, -14.7757

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5030, 94.4080, -40.7831 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(2, 35, 240)` looks like.

```
.text, #text, p{  
    color:rgb(2, 35, 240)  
}
```

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(2, 35, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 35, 240) }
```

Border

The CSS property to change the border of an element to YUV 48.5030, 94.4080, -40.7831 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(2, 35, 240) }
```


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

```
.border{ border-color:rgb(2, 35, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 35, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 35, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 35, 240);  
box-shadow:4px 4px 4px 4px rgb(2, 35, 240)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.5030, 94.4080, -40.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 35, 240) }
```

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

```
.background{ background-color: rgb(2, 35,  
240) }
```

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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