

# Converting Colors

YUV(47.3350, 92.5188,  
-41.5128)

Have a look what the booklet for  
YUV(47.3350, 92.5188, -41.5128)  
contains.

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# Color

**YUV(47.3350, 92.5188,  
-41.5128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0023EB
RGB	0, 35, 235
RGB Percent	0%, 14%, 92%
CMY	1.0000, 0.8627, 0.0784
CMYK	1.00, 0.85, 0.00, 0.08
HSL	231°, 100%, 46%
HSV	231°, 100%, 92%
XYZ	15.5964, 7.2002, 79.1650
YIQ	47.3350, -85.0600, 54.7800

# Conversions

## Conversions Part 2

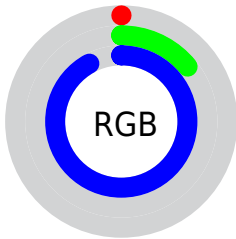
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 30, 235
Decimal	9195
CIE Lab	32.26, 65.73, -96.64
CIE LCh	32, 116.869, 304.221
Yxy	7.2002, 0.1530, 0.0706
Android (android.graphics.Color)	4278199275 (0xFF0023EB)
YUV	47.3350, 92.5188, -41.5128
Hunter-Lab	26.8332, 56.7924, -156.1377

# Details

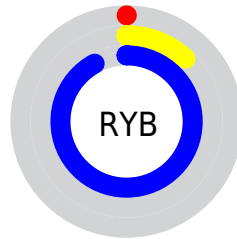
The YUV color **47.3350, 92.5188, -41.5128** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **187.6650, -92.5188, 41.5128**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2250, 69.4021, -0.1973**, and **20.1780, 77.3132, -17.6961** is the 20% darker color. If you saturate the color by 10%, you get **47.3350, 92.5188, -41.5128**, and if you desaturate by 10%, it is **65.9520, 83.3407, -37.6689**.

# Distribution



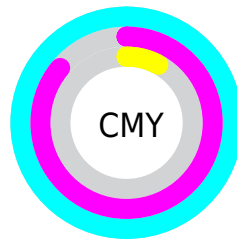
- Red (0%)
- Green (14%)
- Blue (92%)



- Red (0%)
- Yellow (12%)
- Blue (92%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (86%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.3350, 92.5188, -41.5128 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 47.3350, 92.5188, -41.5128 by changing the saturation by 10% instead.



■ 47.3350, 92.5188,  
-41.5128

■ 47.3350, 92.5188,  
-41.5128

■ 255.0000, 0.0000,  
0.0000

■ 25.8320, 88.8228,  
-22.6547

■ 114.2250, 69.4021,  
-0.1973

■ 20.1780, 77.3132,  
-17.6961

■ 139.9520, 56.7187,  
7.9351

■ 17.1000, 65.5197,  
-14.9967

■ 165.0810, 44.3301,  
14.8380

■ 14.0220, 53.7262,  
-12.2973

■ 190.4980, 31.7995,  
20.6113

■ 19.7490, 37.5917,  
-17.3199

■ 216.5020, 18.9795,  
25.8697

■ 12.9040, 29.1343,  
-11.3168

■ 236.2160, 9.2605,

■ 7.8200, 19.8087,

16.4736

-6.8581

253.2390, 0.8682,  
1.5444

3.5510, 11.0674,  
-3.1142

0.0000, 0.0000,  
0.0000

47.3350, 92.5188,  
-41.5128

65.9520, 83.3407,  
-37.6689

84.8680, 74.0151,  
-33.2102

103.7840, 64.6895,  
-28.7516

122.4010, 55.5113,  
-24.9077

■ 141.3170, 46.1857,  
-20.4490

■ 159.9340, 37.0075,  
-16.6051

■ 178.5510, 27.8294,  
-12.7612

■ 197.4670, 18.5038,  
-8.3026

■ 216.0840, 9.3256,  
-4.4587

# Harmonies

## Analogous

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



82.4870, 85.0489, -72.3411



47.3350, 92.5188, -41.5128



73.4410, 42.1806, 97.8372

# Triad

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



47.3350, 92.5188, -41.5128



58.0740, -28.6305, 83.2501



69.9060, 8.9203, -61.3076

# Complementary

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



47.3350, 92.5188, -41.5128



187.6650, -92.5188, 41.5128

# 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.



58.7000, -28.9391, -51.4799



47.3350, 92.5188, -41.5128



70.3040, -34.6599, 10.2574

# Square

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



47.3350, 92.5188, -41.5128



60.0990, -29.6288, 123.5702



55.7650, -27.4921, -48.9059



82.8560, 48.3850, -72.6647



# Rectangle

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



47.3350, 92.5188, -41.5128



75.1580, 11.2611, 121.7644



55.7650, -27.4921, -48.9059



66.1440, -5.4940, -58.0083

# Sweetspot

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



47.3350, 92.5188, -41.5128



194.1210, 30.0133, -13.2611



160.7450, 19.3527, -140.9734



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.



47.3350, 92.5188, -41.5128



51.3760, 100.3866, -45.0568



51.3080, 90.5602, 26.9169



107.8410, 4.5154, -1.6146



36.4830, 71.2469, -31.9956



10.8520, 21.2720, -9.5172



# Inverse Universe

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



74.2550, -19.3527, 140.9734



80.5770, -20.9905, 152.9690



183.6920, -90.5602, -26.9169



109.4030, -1.1847, 6.6626



57.1970, -14.8871, 108.5752

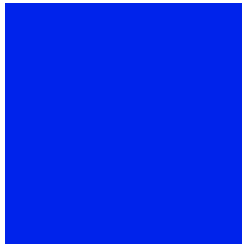


17.0580, -4.4656, 32.3981



# Previews

## White Background



This preview shows how the YUV color 47.3350, 92.5188, -41.5128 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

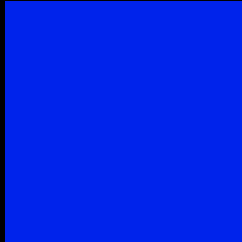
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 47.3350, 92.5188, -41.5128 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 47.3350, 92.5188, -41.5128

## Background



This preview shows how black text looks on a background with the YUV color 47.3350, 92.5188, -41.5128.



This preview shows how white text looks on a background with the YUV color 47.3350, 92.5188, -41.5128.



# 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

60.2930, 45.7046, -52.8770

### Deuteranopia

60.6060, 34.2112, -53.1515

### Tritanopia

59.3400, 14.1294, -52.0412

# Trichromacy



## Protanomaly

55.4950, 62.8600, -48.6691

## Deuteranomaly

55.5460, 55.4398, -48.7138

## Tritanomaly

54.8160, 42.4887, -48.0736

# Monochromacy



## Achromatopsia

47.0000, 0.0000, 0.0000

## Achromatomaly

47.3210, 33.3657, -15.1905

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.3350, 92.5188, -41.5128 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, 35, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 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, 35, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 235) }
```

## Border

The CSS property to change the border of an element to YUV 47.3350, 92.5188, -41.5128 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, 35, 235) }
```

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

```
.border{ border-color:rgb(0, 35, 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, 35, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 35, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 35, 235)  
}
```



# Background

The CSS property to change the background color of an element to YUV 47.3350, 92.5188, -41.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 235) }
```

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

```
.background{ background-color: rgb(0, 35,  
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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