

Converting Colors

YUV(55.2450, 82.2102,
-48.4499)

Have a look what the booklet for
YUV(55.2450, 82.2102, -48.4499)
contains.

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Color

**YUV(55.2450, 82.2102,
-48.4499)**

Conversions

Conversions Part 1

Format	Color
Hex	0033DE
RGB	0, 51, 222
RGB Percent	0%, 20%, 87%
CMY	1.0000, 0.8000, 0.1294
CMYK	1.00, 0.77, 0.00, 0.13
HSL	226°, 100%, 44%
HSV	226°, 100%, 87%
XYZ	14.3686, 7.6416, 69.8249
YIQ	55.2450, -85.2870, 42.3690

Conversions

Conversions Part 2

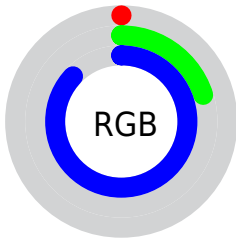
Format	Color
RYB	0, 41, 222
Decimal	13278
CIELab	33.22, 54.18, -87.60
CIELCh	33, 103.000, 301.736
Yxy	7.6416, 0.1565, 0.0832
Android (android.graphics.Color)	4278203358 (0xFF0033DE)
YUV	55.2450, 82.2102, -48.4499
Hunter-Lab	27.6434, 44.4058, -130.4111

Details

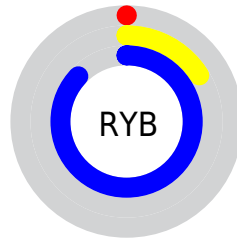
The YUV color **55.2450, 82.2102, -48.4499** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **166.7550, -82.2102, 48.4499**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7740, 66.6664, -9.4488**, and **22.3320, 70.3353, -19.5852** is the 20% darker color. If you saturate the color by 10%, you get **55.2450, 82.2102, -48.4499**, and if you desaturate by 10%, it is **71.8020, 74.0476, -43.6764**.

Distribution



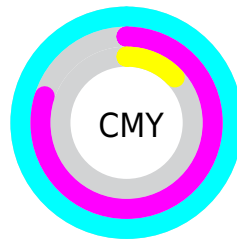
- Red (0%)
- Green (20%)
- Blue (87%)



- Red (0%)
- Yellow (16%)
- Blue (87%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (80%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2450, 82.2102, -48.4499 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 55.2450, 82.2102, -48.4499 by changing the saturation by 10% instead.

■ 55.2450, 82.2102,
-48.4499

■ 55.2450, 82.2102,
-48.4499

■ 255.0000, 0.0000,
0.0000

■ 38.4380, 76.1991,
-33.7101

■ 119.7740, 66.6664,
-9.4488

■ 22.3320, 70.3353,
-19.5852

■ 144.9030, 54.2778,
-2.5459

■ 15.7320, 60.2781,
-13.7970

■ 170.0320, 41.8892,
4.3569

■ 13.2410, 48.1952,
-11.6124

■ 195.1500, 29.5061,
9.5155

■ 16.8480, 34.0919,
-14.7757

■ 221.1540, 16.6861,
14.7739

■ 10.4760, 24.9083,
-9.1875

■ 243.2600, 5.7878,

■ 6.2070, 16.1669,

10.2960

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 55.2450, 82.2102,
-48.4499

■ 71.8020, 74.0476,
-43.6764

■ 88.3590, 65.8850,
-38.9028

■ 105.2150, 57.5750,
-33.5146

■ 121.7720, 49.4124,
-28.7410

■ 138.9160, 40.9604,
-24.4823

■ 155.4730, 32.7978,
-19.7088

■ 172.0300, 24.6352,
-14.9353

■ 188.8860, 16.3252,
-9.5470

■ 205.4430, 8.1626,
-4.7735

Harmonies

Analogous

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



82.2760, 81.7019, -72.1561



55.2450, 82.2102, -48.4499



69.1410, 43.8075, 89.3303

Triad

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



55.2450, 82.2102, -48.4499



62.7700, -30.9456, 79.1317



70.2820, 5.2840, -61.6373

Complementary

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



55.2450, 82.2102, -48.4499



166.7550, -82.2102, 48.4499

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.



59.2870, -29.2285, -51.9947



55.2450, 82.2102, -48.4499



73.2940, -36.1339, 16.4052

Square

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



55.2450, 82.2102, -48.4499



58.3050, -28.7444, 119.8815



55.7650, -27.4921, -48.9059



80.9180, 40.9594, -70.9651

Rectangle

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



55.2450, 82.2102, -48.4499



71.7700, 16.3824, 112.4577



55.7650, -27.4921, -48.9059



66.3890, -7.0938, -58.2232

Sweetspot

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



55.2450, 82.2102, -48.4499



197.6430, 28.2770, -16.3499



149.6940, 10.0109, -131.2816



93.1140, 17.1988, -9.7470



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.



55.2450, 82.2102, -48.4499



63.7030, 94.3094, -55.8675



42.9490, 88.2721, 14.0767



104.0150, 3.9366, -2.6442



43.5440, 65.3008, -38.1881



11.9290, 17.7830, -10.4617

Inverse Universe

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



72.1920, -10.4477, 131.3816



82.9710, -11.8177, 150.8694



179.0510, -88.2721, -14.0767



104.6310, -0.3111, 6.4626



57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 55.2450, 82.2102, -48.4499 looks on a white background.

Color Contrast Check

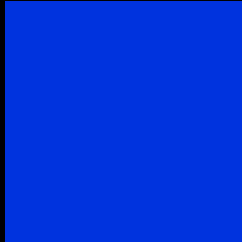
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.2450, 82.2102, -48.4499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

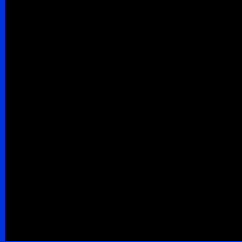
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2450, 82.2102, -48.4499

Background



This preview shows how black text looks on a background with the YUV color 55.2450, 82.2102, -48.4499.



This preview shows how white text looks on a background with the YUV color 55.2450, 82.2102, -48.4499.

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

62.0370, 47.3098, -54.4064

Deuteranopia

62.2360, 35.3797, -54.5810

Trichromacy



Protanomaly

59.3760, 59.9606, -52.0728

Deuteranomaly

59.4270, 52.5405, -52.1175

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3870, 29.8822, -17.8794

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2450, 82.2102, -48.4499 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, 51, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 222)  
}
```

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, 51, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 222) }
```

Border

The CSS property to change the border of an element to YUV 55.2450, 82.2102, -48.4499 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, 51, 222) }
```

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

```
.border{ border-color:rgb(0, 51, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 222)  
}
```


Background

The CSS property to change the background color of an element to YUV 55.2450, 82.2102, -48.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 222) }
```

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

```
.background{ background-color: rgb(0, 51,  
222) }
```

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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