

Converting Colors

YUV(75.2500, 74.8127, -8.9893)

Have a look what the booklet for
YUV(75.2500, 74.8127, -8.9893)
contains.

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Color

**YUV(75.2500, 74.8127,
-8.9893)**

Conversions

Conversions Part 1

Format	Color
Hex	4133E3
RGB	65, 51, 227
RGB Percent	25%, 20%, 89%
CMY	0.7451, 0.8000, 0.1098
CMYK	0.71, 0.78, 0.00, 0.11
HSL	245°, 76%, 55%
HSV	245°, 78%, 89%
XYZ	17.2289, 9.0375, 73.5094
YIQ	75.2500, -48.1520, 57.7040

Conversions

Conversions Part 2

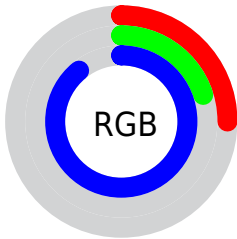
Format	Color
R _{YB}	65, 51, 227
Decimal	4273123
CIE _{Lab}	36.06, 58.59, -85.70
CIE _{LCh}	36, 103.813, 304.360
Yxy	9.0375, 0.1727, 0.0906
Android (android.graphics.Color)	4282463203 (0xFF4133E3)
YUV	75.2500, 74.8127, -8.9893
Hunter-Lab	30.0625, 49.6898, -123.9334

Details

The YUV color **75.2500, 74.8127, -8.9893** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **202.7500, -74.8127, 8.9893**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7220, 62.2551, 5.5058**, and **19.3800, 74.2557, -16.9963** is the 20% darker color. If you saturate the color by 10%, you get **55.4700, 84.5643, -10.0592**, and if you desaturate by 10%, it is **95.0300, 65.0612, -7.9193**.

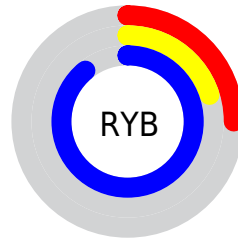
Distribution



Red (25%)

Green (20%)

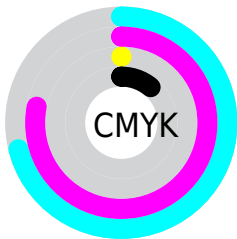
Blue (89%)



Red (25%)

Yellow (20%)

Blue (89%)

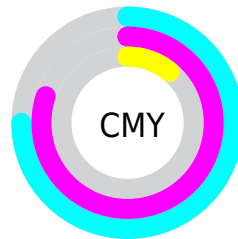


Cyan (71%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (80%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2500, 74.8127, -8.9893 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 75.2500, 74.8127, -8.9893 by changing the saturation by 10% instead.

■ 75.2500, 74.8127,
-8.9893

■ 75.2500, 74.8127,
-8.9893

255.0000, 0.0000,
0.0000

■ 37.8340, 78.9618,
-33.1804

■ 128.7220, 62.2551,
5.5058

■ 19.3800, 74.2557,
-16.9963

■ 153.5520, 50.0139,
11.7939

■ 16.3020, 62.4621,
-14.2969

■ 178.6700, 37.6307,
16.9524

■ 13.2240, 50.6686,
-11.5974

■ 204.6740, 24.8107,
22.2109

■ 17.8910, 35.5497,
-15.6904

■ 228.5850, 13.0226,
23.1660

■ 11.6330, 26.8029,
-10.2021

■ 245.6080, 4.6303,

■ 6.5490, 17.4773,

8.2368

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 75.2500, 74.8127,
-8.9893

■ 75.2500, 74.8127,
-8.9893

■ 55.4700, 84.5643,
-10.0592

■ 95.0300, 65.0612,
-7.9193

■ 36.2770, 94.0264,
-11.6439

■ 114.2230, 55.5991,
-6.3346

■ 31.2600, 96.4998,
-11.6290

■ 134.0030, 45.8475,
-5.2646

■ 153.7830, 36.0960,
-4.1947

■ 172.6770, 26.7812,
-3.2247

■ 192.4570, 17.0297,
-2.1548

■ 212.2370, 7.2782,
-1.0848

■ 232.0170, -2.4734,
-0.0149

■ 251.2100,
-11.9355, 1.5698

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



75.2500, 74.8127, -8.9893



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.



75.2500, 74.8127, -8.9893



73.0700, -36.0235, 74.4836



76.6880, 9.5208, -67.2554

Complementary

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



75.2500, 74.8127, -8.9893



202.7500, -74.8127, 8.9893

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.



63.9830, -31.5436, -56.1131



75.2500, 74.8127, -8.9893



79.1750, -39.0333, 13.0015

Square

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



75.2500, 74.8127, -8.9893



60.6970, -29.9236, 124.7997



60.4610, -29.8073, -53.0243



87.3240, 45.1963, -76.5831

Rectangle

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



75.2500, 74.8127, -8.9893



75.3580, 14.6135, 119.8350



60.4610, -29.8073, -53.0243



72.6810, -3.2937, -63.7412

Sweetspot

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



75.2500, 74.8127, -8.9893



204.2210, 25.0340, -2.8248



167.3320, 29.4163, -102.0232



97.0010, 15.2825, -1.7549



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.



75.2500, 74.8127, -8.9893



50.6990, 100.7204, -12.0140



100.9640, 62.1357, 43.8816



104.6670, 5.0942, -0.5850



24.5920, 76.1231, -9.2892



7.0100, 21.6871, -2.6398

Inverse Universe

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



122.0920, 44.8176, 92.0043



113.7150, 60.2865, 123.9069



177.0360, -62.1357, -43.8816



107.8420, 3.0359, 6.2776



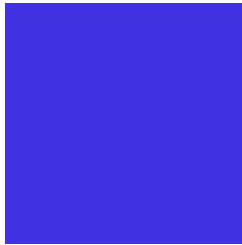
72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 75.2500, 74.8127, -8.9893 looks on a white background.

Color Contrast Check

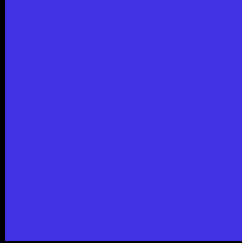
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.2500, 74.8127, -8.9893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

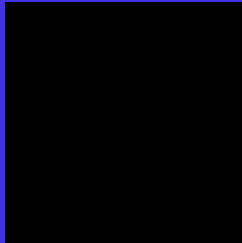
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.2500, 74.8127, -8.9893

Background



This preview shows how black text looks on a background with the YUV color 75.2500, 74.8127, -8.9893.



This preview shows how white text looks on a background with the YUV color 75.2500, 74.8127, -8.9893.

-8.9893.

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

75.2500, 74.8127, -8.9893

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.7130, 38.5955, -59.3843



Tritanopia

65.8770, 16.3296, -57.7741

Trichromacy



Original Color

75.2500, 74.8127, -8.9893

Protanomaly

70.0400, 59.6333, -40.3771

Deuteranomaly

70.5640, 51.4869, -40.8366

Tritanomaly

69.6060, 37.6622, -39.9965

Monochromacy



Original Color

75.2500, 74.8127, -8.9893

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7910, 27.2180, -3.3247

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2500, 74.8127, -8.9893 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(65, 51, 227)` looks like.

```
.text, #text, p{  
    color:rgb(65, 51, 227)  
}
```

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(65, 51, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 51, 227) }
```

Border

The CSS property to change the border of an element to YUV 75.2500, 74.8127, -8.9893 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(65, 51, 227) }
```


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

```
.border{ border-color:rgb(65, 51, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 51, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 51, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 51, 227);  
box-shadow:4px 4px 4px 4px rgb(65, 51,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 75.2500, 74.8127, -8.9893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 51, 227) }
```

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

```
.background{ background-color: rgb(65, 51,  
227) }
```

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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