

Converting Colors

YUV(45.2970, 39.7866,
-21.3085)

Have a look what the booklet for
YUV(45.2970, 39.7866, -21.3085)
contains.

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Color

**YUV(45.2970, 39.7866,
-21.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	152A7E
RGB	21, 42, 126
RGB Percent	8%, 16%, 49%
CMY	0.9176, 0.8353, 0.5059
CMYK	0.83, 0.67, 0.00, 0.51
HSL	228°, 71%, 29%
HSV	228°, 83%, 49%
XYZ	4.9031, 3.3217, 20.1214
YIQ	45.2970, -39.4800, 21.6720

Conversions

Conversions Part 2

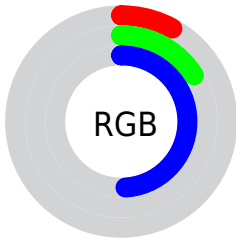
Format	Color
R_{YB}	21, 39, 126
Decimal	1387134
CIE _{Lab}	21.29, 25.40, -49.63
CIE _{LCh}	21, 55.751, 297.105
Yxy	3.3217, 0.1730, 0.1172
Android (android.graphics.Color)	4279577214 (0xFF152A7E)
YUV	45.2970, 39.7866, -21.3085
Hunter-Lab	18.2256, 16.1260, -52.6994

Details

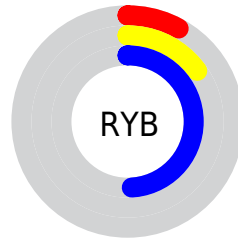
The YUV color **45.2970, 39.7866, -21.3085** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **101.7030, -39.7866, 21.3085**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0040, 40.9170, -10.5275**, and **8.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **35.5400, 44.5968, -24.1526**, and if you desaturate by 10%, it is **55.0540, 34.9764, -18.4644**.

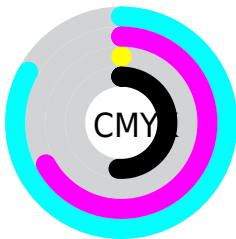
Distribution



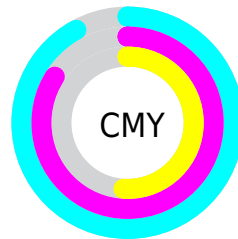
- Red (8%)
- Green (16%)
- Blue (49%)



- Red (8%)
- Yellow (15%)
- Blue (49%)



- Cyan (83%)
- Magenta (67%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2970, 39.7866, -21.3085 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 45.2970, 39.7866, -21.3085 by changing the saturation by 10% instead.

■ 45.2970, 39.7866,
-21.3085

■ 45.2970, 39.7866,
-21.3085

■ 255.0000, 0.0000,
0.0000

■ 24.3140, 37.3132,
-21.3234

■ 97.0040, 40.9170,
-10.5275

■ 8.6640, 33.1966,
-7.5983

■ 123.1290, 41.3484,
-8.8831

■ 8.2760, 21.5559,
-7.2581

■ 149.4820, 42.6534,
-7.4387

■ 4.5940, 12.5252,
-4.0289

■ 175.2820, 39.3010,
-5.5093

■ 0.0000, 0.0000,
0.0000

■ 199.8020, 27.2126,
-1.5804

■ 224.9090, 14.8349,

1.8338

250.3040, 2.3151,
4.1184

45.2970, 39.7866,
-21.3085

45.2970, 39.7866,
-21.3085

35.5400, 44.5968,
-24.1526

55.0540, 34.9764,
-18.4644

29.0390, 47.8018,
-25.4672

64.5120, 30.3136,
-16.2350

74.2690, 25.5034,
-13.3909

83.7270, 20.8406,
-11.1616

93.4840, 16.0304,
-8.3175

■ 103.2410, 11.2202,
-5.4734

■ 113.2860, 6.2680,
-3.7588

■ 123.0430, 1.4578,
-0.9147

■ 132.5010, -3.2050,
1.3146

Harmonies

Analogous

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



50.0230, 41.8937, -43.8702



45.2970, 39.7866, -21.3085



41.5120, 27.3556, 46.0320

Triad

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



45.2970, 39.7866, -21.3085



44.8520, -22.1120, 45.7338



43.9860, 0.9929, -38.5757

Complementary

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



45.2970, 39.7866, -21.3085



101.7030, -39.7866, 21.3085

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.



37.5680, -18.5210, -32.9471



45.2970, 39.7866, -21.3085



48.2090, -23.7670, 16.4797

Square

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



45.2970, 39.7866, -21.3085



36.6220, -9.6736, 69.6145



42.1080, -20.7592, -15.0037



49.3610, 19.0490, -43.2896

Rectangle

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



45.2970, 39.7866, -21.3085



41.5820, 14.5031, 61.7566



42.1080, -20.7592, -15.0037



42.2760, -5.5591, -37.0761

Sweetspot

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



45.2970, 39.7866, -21.3085



131.9570, 15.3042, -8.7323



92.2110, 6.3050, -62.4520



62.7850, 9.4730, -5.0734



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.2970, 39.7866, -21.3085



37.9530, 61.6482, -33.2848



42.2390, 41.2942, 8.5604



58.9720, 2.4788, -1.7294



29.8540, 48.3860, -26.1820



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.7890, -6.3050, 62.4520



52.4990, -9.6130, 96.9094



104.7610, -41.2942, -8.5604



59.3210, -0.1583, 4.1035



41.2360, -7.5113, 76.0920



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 45.2970, 39.7866, -21.3085 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 45.2970, 39.7866, -21.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

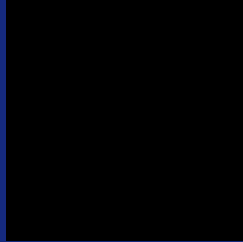
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.2970, 39.7866, -21.3085

Background



This preview shows how black text looks on a background with the YUV color 45.2970, 39.7866, -21.3085.



This preview shows how white text looks on a background with the YUV color 45.2970, 39.7866, -21.3085.

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

45.2970, 39.7866, -21.3085

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.3710, 23.9741, -36.2824



Tritanopia

40.4130, 10.1494, -35.4422

Trichromacy



Original Color

45.2970, 39.7866, -21.3085

Protanomaly

42.8630, 34.5775, -30.5749

Deuteranomaly

42.8970, 29.6308, -30.6047

Tritanomaly

42.6060, 20.9002, -30.3495

Monochromacy



Original Color

45.2970, 39.7866, -21.3085

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0280, 14.2832, -7.9176

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2970, 39.7866, -21.3085 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(21, 42, 126)` looks like.

```
.text, #text, p{  
    color:rgb(21, 42, 126)  
}
```

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(21, 42, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 42, 126) }
```

Border

The CSS property to change the border of an element to YUV 45.2970, 39.7866, -21.3085 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(21, 42, 126) }
```


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

```
.border{ border-color:rgb(21, 42, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 42, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 42, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 42, 126);  
box-shadow:4px 4px 4px 4px rgb(21, 42,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 45.2970, 39.7866, -21.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 42, 126) }
```

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

```
.background{ background-color: rgb(21, 42,  
126) }
```

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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