

Converting Colors

YUV(85.4010, -21.3967,
49.6373)

Have a look what the booklet for
YUV(85.4010, -21.3967, 49.6373)
contains.

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Color

**YUV(85.4010, -21.3967,
49.6373)**

Conversions

Conversions Part 1

Format	Color
Hex	8E412A
RGB	142, 65, 42
RGB Percent	56%, 25%, 16%
CMY	0.4431, 0.7451, 0.8353
CMYK	0.00, 0.54, 0.70, 0.44
HSL	14°, 54%, 36%
HSV	14°, 70%, 56%
XYZ	13.4635, 9.6985, 3.3529
YIQ	85.4010, 53.2750, 9.1710

Conversions

Conversions Part 2

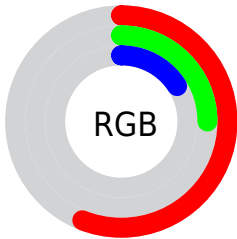
Format	Color
RYB	142, 72, 42
Decimal	9322794
CIELab	37.30, 30.92, 29.20
CIElCh	37, 42.528, 43.365
Yxy	9.6985, 0.5078, 0.3658
Android (android.graphics.Color)	4287512874 (0xFF8E412A)
YUV	85.4010, -21.3967, 49.6373
Hunter-Lab	31.1425, 22.6699, 15.4164

Details

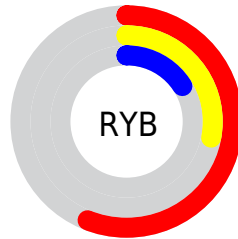
The YUV color **85.4010, -21.3967, 49.6373** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **98.5990, 21.3967, -49.6373**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3370, -24.3231, 54.9555**, and **35.4050, -17.4547, 45.2488** is the 20% darker color. If you saturate the color by 10%, you get **77.3480, -24.3286, 56.6998**, and if you desaturate by 10%, it is **93.4540, -18.4648, 42.5748**.

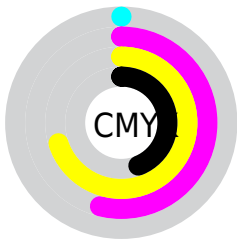
Distribution



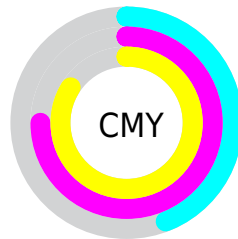
- Red (56%)
- Green (25%)
- Blue (16%)



- Red (56%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (44%)





- Cyan (44%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.4010, -21.3967, 49.6373 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 85.4010, -21.3967, 49.6373 by changing the saturation by 10% instead.


 85.4010, -21.3967,
49.6373

 85.4010, -21.3967,
49.6373


255.0000, 0.0000,
0.0000


 60.5470, -19.4967,
46.8783


 137.3370,
-24.3231, 54.9555

 35.4050, -17.4547,
45.2488


 164.4190,
-25.3496, 57.5145


 17.6410, -8.6970,
36.2718

 190.7070,
-25.4916, 56.3850

 9.9810, -4.4276,
20.1877

 209.5200,
-21.9484, 39.8860

 0.0000, 0.0000,
0.0000

 229.6210,
-18.5472, 22.2574

 249.2490,

-14.4198, 5.0436

254.3160, -2.6208,
0.5999

85.4010, -21.3967,
49.6373

85.4010, -21.3967,
49.6373

77.3480, -24.3286,
56.6998

93.4540, -18.4648,
42.5748

69.2950, -27.2604,
63.7623

101.5070,
-15.5330, 35.5124

61.8290, -30.4817,
70.3100

109.6740,
-12.1643, 28.3499

117.7270, -9.2324,
21.2874

125.7800, -6.3005,
14.2249

■ 133.8330, -3.3687,
7.1625

■ 141.8860, -0.4368,
0.1000

■ 149.4660, 3.2213,
-6.5477

■ 157.5190, 6.1531,
-13.6102

Harmonies

Analogous

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



85.5710, -5.7045, 56.5042



85.4010, -21.3967, 49.6373



84.4900, -33.2726, 32.0193

Triad

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



85.4010, -21.3967, 49.6373



68.0990, -0.5418, -59.7228



82.5040, 35.7405, -30.2600

Complementary

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



85.4010, -21.3967, 49.6373



98.5990, 21.3967, -49.6373

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.



74.3810, 38.7592, -65.2321



85.4010, -21.3967, 49.6373



72.7900, 14.8935, -63.8368

Square

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



85.4010, -21.3967, 49.6373



77.5370, -21.4637, -22.3959



75.1500, 29.0131, -65.9065



90.5870, 23.3746, 16.1482

Rectangle

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



85.4010, -21.3967, 49.6373



82.4790, -36.7181, 17.1199



75.1500, 29.0131, -65.9065



70.6140, 42.0953, -61.9285

Sweetspot

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



85.4010, -21.3967, 49.6373



161.9440, -8.3534, 19.3431



80.7920, 19.3295, 53.6794



78.8120, -4.8373, 11.5659



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



85.4010, -21.3967, 49.6373



95.1890, -33.1242, 77.8872



114.1640, -35.5769, 24.4122



67.2670, -1.6106, 3.2738



58.5620, -28.8711, 67.0361



3.5660, -1.7580, 3.8886

Inverse Universe

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



98.5990, 21.3967, -49.6373



116.2240, 33.4136, -77.3724



69.8360, 35.5769, -24.4122



68.3200, 1.3212, -3.7886



76.4380, 28.8711, -67.0361



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 85.4010, -21.3967, 49.6373 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 85.4010, -21.3967, 49.6373 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 85.4010, -21.3967, 49.6373

Background



This preview shows how black text looks on a background with the YUV color 85.4010, -21.3967, 49.6373.



This preview shows how white text looks on a background with the YUV color 85.4010, -21.3967,

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

85.4010, -21.3967, 49.6373

Protanopia

86.9460, -18.2144, 8.8174

Deuteranopia

86.5300, -23.9253, 20.5832



Tritanopia

86.6750, -10.1928, 49.3970

Trichromacy



Original Color

85.4010, -21.3967, 49.6373

Protanomaly

86.1050, -19.2788, 23.5869

Deuteranomaly

86.1230, -23.2316, 31.4641

Tritanomaly

86.2360, -14.4133, 49.7820

Monochromacy



Original Color

85.4010, -21.3967, 49.6373

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3460, -8.0586, 18.1136

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4010, -21.3967, 49.6373 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(142, 65, 42)` looks like.

```
.text, #text, p{  
    color:rgb(142, 65, 42)  
}
```

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(142, 65, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 65, 42) }
```

Border

The CSS property to change the border of an element to YUV 85.4010, -21.3967, 49.6373 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(142, 65, 42) }
```


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

```
.border{ border-color:rgb(142, 65, 42) }
```

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

Here you see how a box with a 4 pixel rgb(142, 65, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 65, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 65, 42);  
box-shadow:4px 4px 4px 4px rgb(142, 65,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 85.4010, -21.3967, 49.6373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 65, 42) }
```

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

```
.background{ background-color: rgb(142, 65,  
42) }
```

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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