

Converting Colors

YUV(71.2010, 82.2319,
-55.4273)

Have a look what the booklet for
YUV(71.2010, 82.2319, -55.4273)
contains.

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Color

**YUV(71.2010, 82.2319,
-55.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	0847EE
RGB	8, 71, 238
RGB Percent	3%, 28%, 93%
CMY	0.9686, 0.7216, 0.0667
CMYK	0.97, 0.70, 0.00, 0.07
HSL	224°, 93%, 48%
HSV	224°, 97%, 93%
XYZ	17.7860, 10.7311, 82.0228
YIQ	71.2010, -91.1550, 38.5810

Conversions

Conversions Part 2

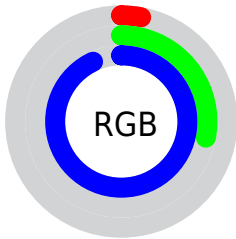
Format	Color
RYB	8, 57, 238
Decimal	542702
CIELab	39.12, 48.39, -86.94
CIELCh	39, 99.496, 299.099
Yxy	10.7311, 0.1609, 0.0971
Android (android.graphics.Color)	4278732782 (0xFF0847EE)
YUV	71.2010, 82.2319, -55.4273
Hunter-Lab	32.7584, 39.5883, -125.5235

Details

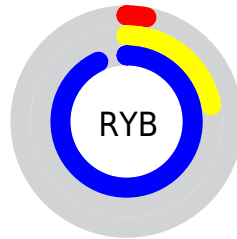
The YUV color **71.2010, 82.2319, -55.4273** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **174.7990, -82.2319, 55.4273**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2970, 59.9996, -17.8005**, and **37.0700, 70.9575, -32.5104** is the 20% darker color. If you saturate the color by 10%, you get **65.2870, 85.1475, -57.2567**, and if you desaturate by 10%, it is **88.3560, 73.7745, -49.4242**.

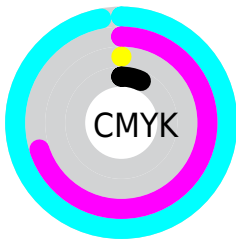
Distribution



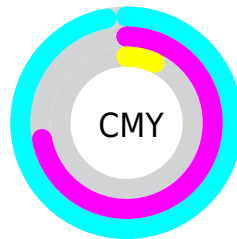
- Red (3%)
- Green (28%)
- Blue (93%)



- Red (3%)
- Yellow (22%)
- Blue (93%)



- Cyan (97%)
- Magenta (70%)
- Yellow (0%)
- Black (7%)



- Cyan (97%)
- Magenta (72%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2010, 82.2319, -55.4273 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 71.2010, 82.2319, -55.4273 by changing the saturation by 10% instead.

■ 71.2010, 82.2319,
-55.4273

■ 71.2010, 82.2319,
-55.4273

■ 255.0000, 0.0000,
0.0000

■ 52.0020, 77.4000,
-45.6058

■ 133.2970, 59.9996,
-17.8005

■ 37.0700, 70.9575,
-32.5104

■ 158.7250, 47.4636,
-10.2828

■ 23.8990, 63.6468,
-20.9594

■ 183.5550, 35.2224,
-3.9947

■ 14.3640, 55.0365,
-12.5972

■ 209.8580, 22.2550,
1.8785

■ 20.2050, 39.3389,
-17.7198

■ 235.5630, 9.5824,
6.5222

■ 13.8330, 30.1553,
-12.1315

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 71.2010, 82.2319,
-55.4273

■ 71.2010, 82.2319,
-55.4273

■ 65.2870, 85.1475,
-57.2567

■ 88.3560, 73.7745,
-49.4242

■ 106.0980, 65.0277,
-43.9359

■ 122.9540, 56.7177,
-38.5477

■ 140.1090, 48.2603,
-32.5446

■ 157.2640, 39.8028,
-26.5415

■ 175.0060, 31.0560,
-21.0533

■ 192.1610, 22.5986,
-15.0502

■ 209.0170, 14.2886,
-9.6619

■ 226.7590, 5.5418,
-4.1736

Harmonies

Analogous

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



91.8790, 80.4187, -80.5779



71.2010, 82.2319, -55.4273



73.6990, 50.9274, 92.3490

Triad

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



71.2010, 82.2319, -55.4273



77.5660, -38.2400, 85.4496



80.4720, 3.7113, -70.5739

Complementary

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



71.2010, 82.2319, -55.4273



174.7990, -82.2319, 55.4273

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.



68.0920, -33.5694, -59.7167



71.2010, 82.2319, -55.4273



86.6280, -42.7076, 24.8822

Square

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



71.2010, 82.2319, -55.4273



66.2660, -22.8091, 129.5627



65.1900, -32.1387, -51.9096



90.4070, 39.2393, -79.2869

Rectangle

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



71.2010, 82.2319, -55.4273



77.9370, 23.2021, 118.4503



65.1900, -32.1387, -51.9096



76.4650, -9.1032, -67.0598

Sweetspot

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



71.2010, 82.2319, -55.4273



201.1760, 26.5352, -17.6944



161.8200, 5.5117, -134.9001



95.1740, 16.1832, -10.6766



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.



71.2010, 82.2319, -55.4273



70.1600, 91.1261, -61.5303



49.1700, 93.0932, 7.7439



111.1290, 4.3734, -2.7441



50.3260, 65.9013, -44.1359



15.1890, 20.1198, -13.3208

Inverse Universe

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



83.9520, -6.3853, 135.1001



84.2250, -7.0129, 149.7697



196.8300, -93.0932, -7.7439



111.9300, -0.4585, 7.0774



60.7160, -5.2830, 108.1201



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 71.2010, 82.2319, -55.4273 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 × Fail

Black Background



This preview shows how the YUV color 71.2010, 82.2319, -55.4273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

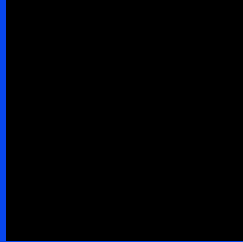
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2010, 82.2319, -55.4273

Background



This preview shows how black text looks on a background with the YUV color 71.2010, 82.2319, -55.4273.



This preview shows how white text looks on a background with the YUV color 71.2010, 82.2319, -55.4273.

-55.4273.

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

71.2010, 82.2319, -55.4273

Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

73.1900, 41.8113, -64.1876



Tritanopia

72.0720, 17.2195, -63.2071

Trichromacy



Original Color

71.2010, 82.2319, -55.4273

Protanomaly

72.4010, 65.3713, -60.8647

Deuteranomaly

72.6970, 56.3514, -61.1243

Tritanomaly

71.9840, 40.9269, -60.4990

Monochromacy



Original Color

71.2010, 82.2319, -55.4273

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0770, 30.0350, -20.2385

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2010, 82.2319, -55.4273 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(8, 71, 238)` looks like.

```
.text, #text, p{  
    color:rgb(8, 71, 238)  
}
```

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(8, 71, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 71, 238) }
```

Border

The CSS property to change the border of an element to YUV 71.2010, 82.2319, -55.4273 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(8, 71, 238) }
```


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

```
.border{ border-color:rgb(8, 71, 238) }
```

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

Here you see how a box with a 4 pixel rgb(8, 71, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 71, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 71, 238);  
box-shadow:4px 4px 4px 4px rgb(8, 71, 238)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2010, 82.2319, -55.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 71, 238) }
```

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

```
.background{ background-color: rgb(8, 71,  
238) }
```

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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