

Converting Colors

YUV(82.2310, 73.3431,
-51.0686)

Have a look what the booklet for
YUV(82.2310, 73.3431, -51.0686)
contains.

YUV(82.2310, 73.3431, -51.0686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(82.2310, 73.3431,
-51.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	1853E7
RGB	24, 83, 231
RGB Percent	9%, 33%, 91%
CMY	0.9059, 0.6745, 0.0941
CMYK	0.90, 0.64, 0.00, 0.09
HSL	223°, 81%, 50%
HSV	223°, 90%, 91%
XYZ	17.8937, 12.1502, 77.0034
YIQ	82.2310, -82.6720, 33.5200

Conversions

Conversions Part 2

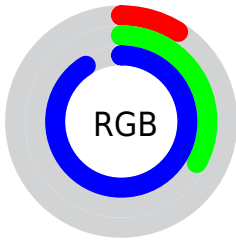
Format	Color
R _Y B	24, 70, 231
Decimal	1594343
CIE Lab	41.45, 38.92, -79.13
CIE LCh	41, 88.184, 296.190
Yxy	12.1502, 0.1672, 0.1135
Android (android.graphics.Color)	4279784423 (0xFF1853E7)
YUV	82.2310, 73.3431, -51.0686
Hunter-Lab	34.8572, 30.6320, -106.5783

Details

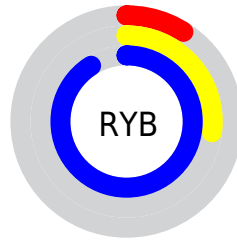
The YUV color **82.2310, 73.3431, -51.0686** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **172.7690, -73.3431, 51.0686**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3410, 56.5269, -23.9781**, and **42.7290, 64.7166, -37.4733** is the 20% darker color. If you saturate the color by 10%, you get **65.3750, 81.6531, -56.4569**, and if you desaturate by 10%, it is **99.0870, 65.0331, -45.6803**.

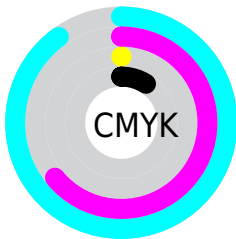
Distribution



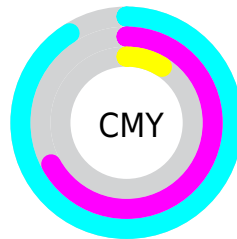
- Red (9%)
- Green (33%)
- Blue (91%)



- Red (9%)
- Yellow (27%)
- Blue (91%)



- Cyan (90%)
- Magenta (64%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2310, 73.3431, -51.0686 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 82.2310, 73.3431, -51.0686 by changing the saturation by 10% instead.

■ 82.2310, 73.3431,
-51.0686

■ 82.2310, 73.3431,
-51.0686

■ 255.0000, 0.0000,
0.0000

■ 58.2480, 70.8697,
-51.0835

■ 140.3410, 56.5269,
-23.9781

■ 42.7290, 64.7166,
-37.4733

■ 165.4700, 44.1383,
-17.0752

■ 29.0850, 58.1321,
-25.5075

■ 190.8870, 31.6077,
-11.3019

■ 13.6800, 52.4158,
-11.9974

■ 216.8910, 18.7877,
-6.0434

■ 18.3470, 37.2969,
-16.0903

■ 242.5960, 6.1152,
-1.3997

■ 12.5620, 27.8239,
-11.0169

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 82.2310, 73.3431,
-51.0686

■ 82.2310, 73.3431,
-51.0686

■ 65.3750, 81.6531,
-56.4569

■ 99.0870, 65.0331,
-45.6803

■ 65.0760, 81.8005,
-57.0717

■ 115.3560, 57.0125,
-39.7772

■ 132.2120, 48.7025,
-34.3889

■ 148.4810, 40.6819,
-28.4858

■ 165.6360, 32.2245,
-22.4828

■ 181.9050, 24.2038,
-16.5797

■ 198.7610, 15.8938,
-11.1914

■ 215.0300, 7.8732,
-5.2883

■ 231.8860, -0.4368,
0.1000

Harmonies

Analogous

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



93.7880, 75.0405, -82.2521



82.2310, 73.3431, -51.0686



76.9320, 50.8125, 82.4976

Triad

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



82.2310, 73.3431, -51.0686



84.9310, -41.8710, 83.3755



82.5920, 1.6801, -72.4332

Complementary

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



82.2310, 73.3431, -51.0686



172.7690, -73.3431, 51.0686

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.



71.0270, -35.0163, -62.2907



82.2310, 73.3431, -51.0686



92.2760, -45.4921, 31.3299

Square

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



82.2310, 73.3431, -51.0686



67.9480, -13.7784, 126.3336



81.8900, -40.3718, -24.4595



92.3160, 33.8612, -80.9611

Rectangle

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



82.2310, 73.3431, -51.0686



76.5710, 28.3125, 112.6322



81.8900, -40.3718, -24.4595



79.0410, -9.3872, -69.3190

Sweetspot

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



82.2310, 73.3431, -51.0686



205.6060, 24.3512, -17.1945



162.0390, 3.4318, -121.0602



98.1310, 14.7254, -9.7619



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.



82.2310, 73.3431, -51.0686



71.9210, 90.2579, -63.0747



59.8570, 84.3735, 4.5104



106.7160, 4.0840, -3.2589



50.3430, 63.4279, -44.1508



14.6190, 17.9358, -12.8209

Inverse Universe

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



92.6190, -4.7422, 121.3601



84.5670, -5.7025, 149.4697



195.1430, -84.3735, -4.5104



107.0440, -0.0217, 6.9774



59.3350, -4.1092, 104.9462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 82.2310, 73.3431, -51.0686 looks on a white background.

Color Contrast Check

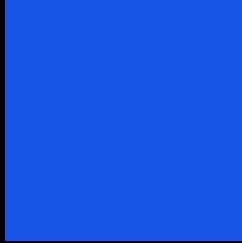
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.2310, 73.3431, -51.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

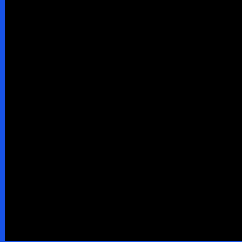
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2310, 73.3431, -51.0686

Background



This preview shows how black text looks on a background with the YUV color 82.2310, 73.3431, -51.0686.



This preview shows how white text looks on a background with the YUV color 82.2310, 73.3431,

-51.0686.

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

82.2310, 73.3431, -51.0686

Protanopia

77.1630, 59.5726, -67.6720

Deuteranopia

77.9660, 44.8798, -68.3762



Tritanopia

76.3920, 18.5407, -66.9958

Trichromacy



Original Color

82.2310, 73.3431, -51.0686

Protanomaly

78.8740, 64.6451, -61.2795

Deuteranomaly

79.7570, 55.3358, -62.0539

Tritanomaly

78.7020, 38.6009, -61.1287

Monochromacy



Original Color

82.2310, 73.3431, -51.0686

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8770, 26.6826, -18.3091

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2310, 73.3431, -51.0686 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(24, 83, 231)` looks like.

```
.text, #text, p{  
    color:rgb(24, 83, 231)  
}
```

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(24, 83, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 83, 231) }
```

Border

The CSS property to change the border of an element to YUV 82.2310, 73.3431, -51.0686 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(24, 83, 231) }
```


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

```
.border{ border-color:rgb(24, 83, 231) }
```

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

Here you see how a box with a 4 pixel rgb(24, 83, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 83, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 83, 231);  
box-shadow:4px 4px 4px 4px rgb(24, 83,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 82.2310, 73.3431, -51.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 83, 231) }
```

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

```
.background{ background-color: rgb(24, 83,  
231) }
```

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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