

Converting Colors

YUV(81.3440, 85.6124,
-19.5957)

Have a look what the booklet for
YUV(81.3440, 85.6124, -19.5957)
contains.

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Color

**YUV(81.3440, 85.6124,
-19.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3BFF
RGB	59, 59, 255
RGB Percent	23%, 23%, 100%
CMY	0.7686, 0.7686, 0.0000
CMYK	0.77, 0.77, 0.00, 0.00
HSL	240°, 100%, 62%
HSV	240°, 77%, 100%
XYZ	21.4176, 11.2777, 95.6557
YIQ	81.3440, -62.9160, 60.9560

Conversions

Conversions Part 2

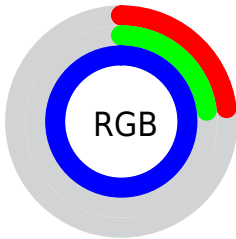
Format	Color
R _Y B	59, 59, 255
Decimal	3881983
CIE Lab	40.04, 62.69, -94.92
CIE LCh	40, 113.755, 303.443
Yxy	11.2777, 0.1669, 0.0879
Android (android.graphics.Color)	4282072063 (0xFF3B3BFF)
YUV	81.3440, 85.6124, -19.5957
Hunter-Lab	33.5823, 55.0717, -145.3736

Details

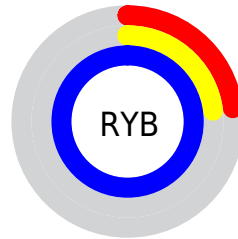
The YUV color **81.3440, 85.6124, -19.5957** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **232.6560, -85.6124, 19.5957**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.6030, 59.3557, 2.1022**, and **25.9800, 84.3129, -22.7845** is the 20% darker color. If you saturate the color by 10%, you get **58.3080, 96.9692, -22.1951**, and if you desaturate by 10%, it is **104.3800, 74.2557, -16.9963**.

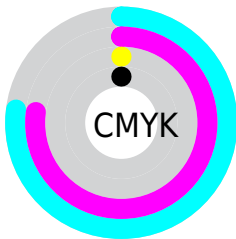
Distribution



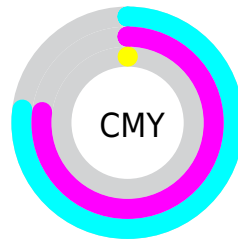
- Red (23%)
- Green (23%)
- Blue (100%)



- Red (23%)
- Yellow (23%)
- Blue (100%)



- Cyan (77%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3440, 85.6124, -19.5957 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 81.3440, 85.6124, -19.5957 by changing the saturation by 10% instead.

■ 81.3440, 85.6124,
-19.5957

■ 81.3440, 85.6124,
-19.5957

■ 255.0000, 0.0000,
0.0000

■ 45.6080, 88.4403,
-39.9982

■ 134.6030, 59.3557,
2.1022

■ 25.9800, 84.3129,
-22.7845

■ 159.7320, 46.9671,
9.0050

■ 19.1520, 73.3821,
-16.7963

■ 185.4480, 34.2891,
15.3931

■ 16.0740, 61.5885,
-14.0969

■ 211.4520, 21.4692,
20.6516

■ 16.5180, 48.0586,
-14.4863

■ 233.8680, 10.4181,
18.5328

■ 17.6630, 34.6761,
-15.4905

■ 250.8910, 2.0257,

■ 11.4050, 25.9293,

3.6036

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 81.3440, 85.6124,
-19.5957

■ 81.3440, 85.6124,
-19.5957

■ 58.3080, 96.9692,
-22.1951

■ 104.3800, 74.2557,
-16.9963

■ 36.1580, 107.8891,
-24.6946

■ 126.5300, 63.3357,
-14.4968

■ 29.0700, 111.3835,
-25.4944

■ 149.5660, 51.9790,
-11.8974

■ 171.7160, 41.0590,
-9.3979

■ 194.7520, 29.7023,
-6.7985

■ 216.9020, 18.7823,
-4.2991

■ 239.9380, 7.4256,
-1.6996

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



81.3440, 85.6124, -19.5957



81.5160, 48.5526, 107.4185

Triad

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



81.3440, 85.6124, -19.5957



80.2240, -39.5504, 85.7496



84.6440, 9.5425, -74.2328

Complementary

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



81.3440, 85.6124, -19.5957



232.6560, -85.6124, 19.5957

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



81.3440, 85.6124, -19.5957



88.0460, -43.4067, 15.7457

Square

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



81.3440, 85.6124, -19.5957



67.5740, -33.3140, 138.9396



66.9180, -32.9906, -58.6871



97.0070, 49.2965, -85.0751

Rectangle

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



81.3440, 85.6124, -19.5957



84.1300, 17.1909, 133.1900



66.9180, -32.9906, -58.6871



80.1810, -5.0192, -70.3187

Sweetspot

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



81.3440, 85.6124, -19.5957



202.7260, 25.7711, -5.8987



196.3960, 28.8918, -120.4963



96.1040, 15.7247, -3.5992



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.



81.3440, 85.6124, -19.5957



46.7900, 102.6475, -23.4948



110.6460, 71.1665, 40.6525



116.4820, 5.6784, -1.2997



21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Inverse Universe

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



139.9480, 56.7206, 100.9006



117.0550, 68.0069, 120.9778



203.3540, -71.1665, -40.6525



120.3690, 3.7621, 6.6924



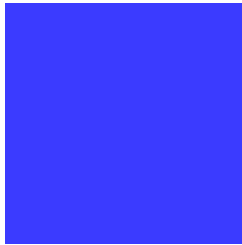
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 81.3440, 85.6124, -19.5957 looks on a white background.

Color Contrast Check

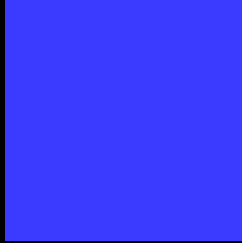
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.3440, 85.6124, -19.5957 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 81.3440, 85.6124, -19.5957

Background



This preview shows how black text looks on a background with the YUV color 81.3440, 85.6124, -19.5957.



This preview shows how white text looks on a background with the YUV color 81.3440, 85.6124,

-19.5957.

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

81.3440, 85.6124, -19.5957

Protanopia

74.3760, 56.5096, -65.2278

Deuteranopia

74.7060, 42.5429, -65.5172



Tritanopia

73.4740, 17.5143, -64.4367

Trichromacy



Original Color

81.3440, 85.6124, -19.5957

Protanomaly

76.9340, 67.0805, -49.0541

Deuteranomaly

77.2300, 58.0606, -49.3137

Tritanomaly

76.4030, 42.1993, -48.5884

Monochromacy



Original Color

81.3440, 85.6124, -19.5957

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0940, 31.0127, -7.0984

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3440, 85.6124, -19.5957 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(59, 59, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 59, 255)  
}
```

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(59, 59, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 59, 255) }
```

Border

The CSS property to change the border of an element to YUV 81.3440, 85.6124, -19.5957 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(59, 59, 255) }
```


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

```
.border{ border-color:rgb(59, 59, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 59, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 59, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 59, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 59,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 81.3440, 85.6124, -19.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 59, 255) }
```

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

```
.background{ background-color: rgb(59, 59,  
255) }
```

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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