

Converting Colors

YUV(81.0330, 70.4827,
-20.1999)

Have a look what the booklet for
YUV(81.0330, 70.4827, -20.1999)
contains.

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Color

**YUV(81.0330, 70.4827,
-20.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	3A41E0
RGB	58, 65, 224
RGB Percent	23%, 25%, 88%
CMY	0.7725, 0.7451, 0.1216
CMYK	0.74, 0.71, 0.00, 0.12
HSL	237°, 73%, 55%
HSV	237°, 74%, 88%
XYZ	17.0898, 10.0620, 71.5624
YIQ	81.0330, -55.2110, 47.9650

Conversions

Conversions Part 2

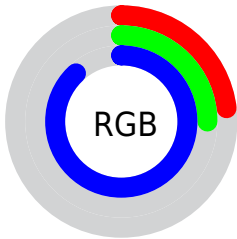
Format	Color
R_{YB}	58, 65, 224
Decimal	3817952
CIE _{Lab}	37.95, 49.65, -80.87
CIE _{LCh}	38, 94.892, 301.549
Yxy	10.0620, 0.1731, 0.1019
Android (android.graphics.Color)	4282008032 (0xFF3A41E0)
YUV	81.0330, 70.4827, -20.1999
Hunter-Lab	31.7206, 40.6576, -111.5553

Details

The YUV color **81.0330, 70.4827, -20.1999** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **200.9670, -70.4827, 20.1999**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5590, 59.3774, -4.8752**, and **30.7780, 67.1574, -26.9923** is the 20% darker color. If you saturate the color by 10%, you get **62.1280, 79.8029, -22.9143**, and if you desaturate by 10%, it is **99.9380, 61.1626, -17.4856**.

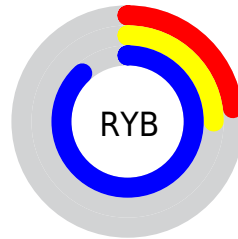
Distribution



Red (23%)

Green (25%)

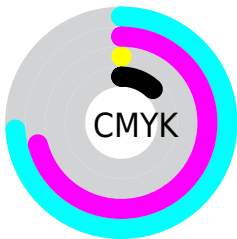
Blue (88%)



Red (23%)

Yellow (25%)

Blue (88%)

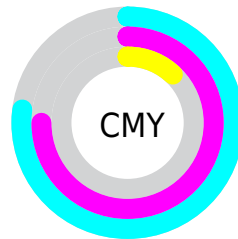


Cyan (74%)

Magenta (71%)

Yellow (0%)

Black (12%)



Cyan (77%)

Magenta (75%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0330, 70.4827, -20.1999 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 81.0330, 70.4827, -20.1999 by changing the saturation by 10% instead.

■ 81.0330, 70.4827,
-20.1999

■ 81.0330, 70.4827,
-20.1999

■ 255.0000, 0.0000,
0.0000

■ 46.8840, 73.0212,
-41.1173

■ 134.5590, 59.3774,
-4.8752

■ 30.7780, 67.1574,
-26.9923

■ 159.3890, 47.1362,
1.4128

■ 17.1340, 60.5729,
-15.0265

■ 184.5070, 34.7530,
6.5714

■ 12.9960, 49.7950,
-11.3975

■ 209.6250, 22.3699,
11.7299

■ 17.0760, 34.9655,
-14.9757

■ 235.3300, 9.6973,
16.3736

■ 11.2910, 25.4925,
-9.9022

■ 252.6520, 1.1576,

■ 6.3210, 16.6037,

2.0592

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 81.0330, 70.4827,
-20.1999

■ 81.0330, 70.4827,
-20.1999

■ 62.1280, 79.8029,
-22.9143

■ 99.9380, 61.1626,
-17.4856

■ 42.3370, 89.5599,
-25.7285

■ 119.7290, 51.4056,
-14.6713

■ 30.8190, 95.2382,
-27.0283

■ 138.6340, 42.0854,
-11.9570

■ 158.4250, 32.3285,
-9.1427

■ 177.3300, 23.0083,
-6.4284

■ 196.8220, 13.3988,
-4.2289

■ 216.0260, 3.9312,
-0.8998

■ 235.5180, -5.6784,
1.2997

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



87.5590, 79.0974, -76.7892



81.0330, 70.4827, -20.1999



71.9180, 45.3964, 93.0339

Triad

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



81.0330, 70.4827, -20.1999



77.7990, -38.3549, 75.5983



78.5800, 6.6161, -68.9147

Complementary

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



81.0330, 70.4827, -20.1999



200.9670, -70.4827, 20.1999

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.



66.3310, -32.7012, -58.1723



81.0330, 70.4827, -20.1999



83.9370, -41.3809, 19.3493

Square

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



81.0330, 70.4827, -20.1999



62.2930, -23.8084, 123.4000



62.2220, -30.6754, -54.5687



87.9450, 39.9601, -77.1278

Rectangle

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



81.0330, 70.4827, -20.1999



74.7040, 19.8659, 115.1466



62.2220, -30.6754, -54.5687



74.8010, -5.3249, -65.6005

Sweetspot

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



81.0330, 70.4827, -20.1999



206.5580, 23.8819, -6.6284



173.4540, 20.9752, -101.2532



99.0500, 14.2724, -4.4288



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.



81.0330, 70.4827, -20.1999



59.7480, 96.2592, -27.8430



99.3490, 61.4529, 29.5119



102.2540, 4.8048, -1.0998



24.1730, 74.8507, -21.1997



6.6460, 20.3875, -5.8285

Inverse Universe

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



108.4320, -21.4120, 101.3531



97.0130, -29.0934, 138.5546



182.6510, -61.4529, -29.5119



104.2890, -1.6215, 6.7625



53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 81.0330, 70.4827, -20.1999 looks on a white background.

Color Contrast Check

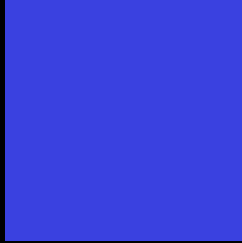
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.0330, 70.4827, -20.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

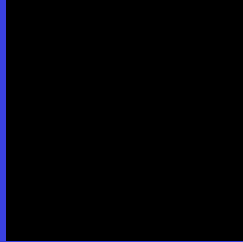
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.0330, 70.4827, -20.1999

Background



This preview shows how black text looks on a background with the YUV color 81.0330, 70.4827, -20.1999.



This preview shows how white text looks on a background with the YUV color 81.0330, 70.4827, -20.1999.

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

81.0330, 70.4827, -20.1999

Protanopia

71.0020, 53.7360, -62.2688

Deuteranopia

70.9730, 40.9323, -62.2433



Tritanopia

69.4960, 17.5035, -60.9480

Trichromacy



Original Color

81.0330, 70.4827, -20.1999

Protanomaly

74.4090, 59.9444, -46.8397

Deuteranomaly

74.8190, 51.3612, -47.1993

Tritanomaly

73.6330, 36.6629, -46.1591

Monochromacy



Original Color

81.0330, 70.4827, -20.1999

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0140, 25.6291, -7.0283

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0330, 70.4827, -20.1999 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(58, 65, 224)` looks like.

```
.text, #text, p{  
    color:rgb(58, 65, 224)  
}
```

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(58, 65, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 65, 224) }
```

Border

The CSS property to change the border of an element to YUV 81.0330, 70.4827, -20.1999 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(58, 65, 224) }
```


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

```
.border{ border-color:rgb(58, 65, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 65, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 65, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 65, 224);  
box-shadow:4px 4px 4px 4px rgb(58, 65,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 81.0330, 70.4827, -20.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 65, 224) }
```

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

```
.background{ background-color: rgb(58, 65,  
224) }
```

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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