

Converting Colors

YUV(81.3020, -24.7989,
20.7831)

Have a look what the booklet for
YUV(81.3020, -24.7989, 20.7831)
contains.

YUV(81.3020, -24.7989, 20.7831)	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(81.3020, -24.7989,
20.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	694F1F
RGB	105, 79, 31
RGB Percent	41%, 31%, 12%
CMY	0.5882, 0.6902, 0.8784
CMYK	0.00, 0.25, 0.70, 0.59
HSL	39°, 54%, 27%
HSV	39°, 70%, 41%
XYZ	8.8690, 8.6942, 2.5070
YIQ	81.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

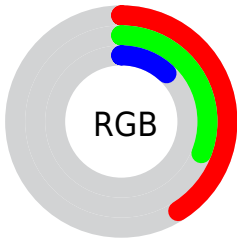
Format	Color
R_{YB}	71, 105, 31
Decimal	6901535
CIE Lab	35.39, 5.28, 31.70
CIE LCh	35, 32.140, 80.539
Yxy	8.6942, 0.4419, 0.4332
Android (android.graphics.Color)	4285091615 (0xFF694F1F)
YUV	81.3020, -24.7989, 20.7831
Hunter-Lab	29.4858, 2.0905, 15.5990

Details

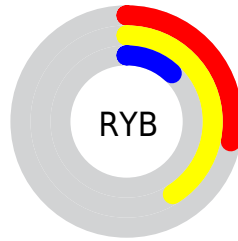
The YUV color **81.3020, -24.7989, 20.7831** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54.6980, 24.7989, -20.7831**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5690, -26.4095, 24.0570**, and **36.9900, -18.2361, 15.7948** is the 20% darker color. If you saturate the color by 10%, you get **77.8140, -28.0093, 23.8421**, and if you desaturate by 10%, it is **84.9040, -21.1517, 17.6242**.

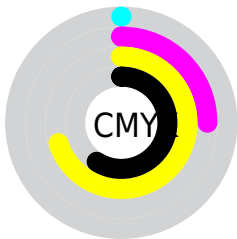
Distribution



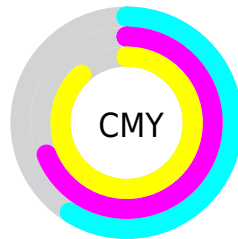
- Red (41%)
- Green (31%)
- Blue (12%)



- Red (28%)
- Yellow (41%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (70%)
- Black (59%)



- Cyan (59%)
- Magenta (69%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3020, -24.7989, 20.7831 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 81.3020, -24.7989, 20.7831 by changing the saturation by 10% instead.

81.3020, -24.7989,
20.7831

81.3020, -24.7989,
20.7831

255.0000, 0.0000,
0.0000

57.4050, -24.3567,
18.9388

131.5690,
-26.4095, 24.0570

36.9900, -18.2361,
15.7948

157.9390,
-27.5779, 25.4865

17.4870, -8.6211,
11.8509

185.0100,
-28.5989, 26.3012

0.0000, 0.0000,
0.0000

212.6080,
-28.8937, 27.5308

235.4110,
-26.8246, 17.1796

249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

81.3020, -24.7989,
20.7831

81.3020, -24.7989,
20.7831

77.8140, -28.0093,
23.8421

84.9040, -21.1517,
17.6242

74.7990, -31.9459,
26.4863

87.8050, -17.6519,
15.0800

71.3110, -35.1563,
29.5453

91.4070, -14.0047,
11.9211

94.8950, -10.7942,
8.8621

97.9100, -6.8576,
6.2179

■ 101.3980, -3.6472,
3.1590

■ 105.0000, 0.0000,
0.0000

■ 108.4880, 3.2104,
-3.0590

■ 111.5030, 7.1470,
-5.7031

Harmonies

Analogous

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



82.2960, -18.8799, 35.6974



81.3020, -24.7989, 20.7831



79.0500, -22.7026, 1.7102

Triad

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



81.3020, -24.7989, 20.7831



67.7520, 15.8983, -59.4185



85.7200, 14.9280, 18.6626

Complementary

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



81.3020, -24.7989, 20.7831



54.6980, 24.7989, -20.7831

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.



83.1230, 23.6034, -10.6319



81.3020, -24.7989, 20.7831



69.0860, 26.0866, -60.5884

Square

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



81.3020, -24.7989, 20.7831



64.7880, 4.5415, -56.8191



66.9320, 33.0645, -58.6994



84.5560, 3.6699, 36.3464

Rectangle

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



81.3020, -24.7989, 20.7831



76.5580, -16.5441, -13.6444



66.9320, 33.0645, -58.6994



85.7620, 17.8653, 9.8557

Sweetspot

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



81.3020, -24.7989, 20.7831



128.8240, -9.7732, 8.0474



56.2040, 0.8854, 42.7941



63.5400, -5.6892, 4.7884



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



81.3020, -24.7989, 20.7831



100.5950, -39.2403, 32.8042



93.5740, -30.8490, 1.2506



52.1420, -2.0420, 1.6295



79.5950, -39.2403, 32.8042



166.5880, -82.1279, 68.7673

Inverse Universe

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



54.6980, 24.7989, -20.7831



58.4050, 39.2403, -32.8042



42.4260, 30.8490, -1.2506



49.8580, 2.0420, -1.6295



37.4050, 39.2403, -32.8042



78.4120, 82.1279, -68.7673

Previews

White Background



This preview shows how the YUV color 81.3020, -24.7989, 20.7831 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 81.3020, -24.7989, 20.7831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

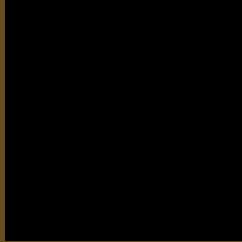
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3020, -24.7989, 20.7831

Background



This preview shows how black text looks on a background with the YUV color 81.3020, -24.7989, 20.7831.



This preview shows how white text looks on a background with the YUV color 81.3020, -24.7989,

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

81.3020, -24.7989, 20.7831

Protanopia

80.7630, -24.0402, 10.7318

Deuteranopia

81.0030, -24.6515, 20.1684



Tritanopia

84.8500, -2.3910, 20.3026

Trichromacy



Original Color

81.3020, -24.7989, 20.7831

Protanomaly

80.7850, -24.0510, 14.2206

Deuteranomaly

81.0030, -24.6515, 20.1684

Tritanomaly

83.6730, -10.6848, 20.4578

Monochromacy



Original Color

81.3020, -24.7989, 20.7831

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0520, -8.8996, 7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3020, -24.7989, 20.7831 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(105, 79, 31)` looks like.

```
.text, #text, p{  
    color:rgb(105, 79, 31)  
}
```

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(105, 79, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 79, 31) }
```

Border

The CSS property to change the border of an element to YUV 81.3020, -24.7989, 20.7831 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(105, 79, 31) }
```


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

```
.border{ border-color:rgb(105, 79, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 79, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 79, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 79, 31);  
box-shadow:4px 4px 4px 4px rgb(105, 79,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 81.3020, -24.7989, 20.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 79, 31) }
```

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

```
.background{ background-color: rgb(105, 79,  
31) }
```

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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