

Converting Colors

YUV(81.0720, 0.9505, 21.8619)

Have a look what the booklet for
YUV(81.0720, 0.9505, 21.8619)
contains.

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Color

**YUV(81.0720, 0.9505,
21.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4453
RGB	106, 68, 83
RGB Percent	42%, 27%, 33%
CMY	0.5843, 0.7333, 0.6745
CMYK	0.00, 0.36, 0.22, 0.58
HSL	336°, 22%, 34%
HSV	336°, 36%, 42%
XYZ	9.5723, 7.8229, 9.1891
YIQ	81.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

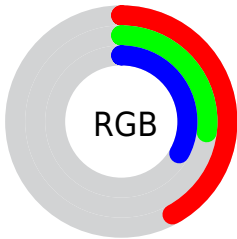
Format	Color
R_{YB}	106, 68, 83
Decimal	6964307
CIE _{Lab}	33.61, 18.79, -2.19
CIE _{LCh}	34, 18.913, 353.350
Yxy	7.8229, 0.3601, 0.2943
Android (android.graphics.Color)	4285154387 (0xFF6A4453)
YUV	81.0720, 0.9505, 21.8619
Hunter-Lab	27.9695, 12.1433, 0.0996

Details

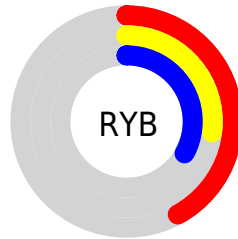
The YUV color **81.0720, 0.9505, 21.8619** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **92.9280, -0.9505, -21.8619**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9690, 0.5083, 23.7062**, and **35.4630, 1.2507, 18.8879** is the 20% darker color. If you saturate the color by 10%, you get **73.9310, 1.5130, 28.1245**, and if you desaturate by 10%, it is **88.2130, 0.3880, 15.5992**.

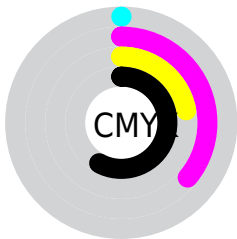
Distribution



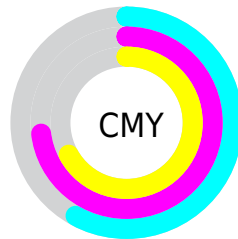
- Red (42%)
- Green (27%)
- Blue (33%)



- Red (42%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (58%)



- Cyan (58%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0720, 0.9505, 21.8619 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 81.0720, 0.9505, 21.8619 by changing the saturation by 10% instead.

81.0720, 0.9505,
21.8619

81.0720, 0.9505,
21.8619

255.0000, 0.0000,
0.0000

57.4740, 1.2453,
20.6323

130.9690, 0.5083,
23.7062

35.4630, 1.2507,
18.8879

156.6810, 0.6503,
24.8358

13.1150, 2.4083,
20.9471

183.9800, 0.5029,
25.4505

0.0000, 0.0000,
0.0000

211.6920, 0.6448,
26.5801

235.2070, 2.8559,
17.3585

253.8260, 0.5788,

1.0296

■ 81.0720, 0.9505,
21.8619

■ 81.0720, 0.9505,
21.8619

■ 73.9310, 1.5130,
28.1245

■ 88.2130, 0.3880,
15.5992

■ 67.2630, 1.3493,
33.9723

■ 94.8810, 0.5517,
9.7514

■ 60.1220, 1.9119,
40.2350

■ 102.0220, -0.0108,
3.4887

■ 53.4540, 1.7482,
46.0828

■ 108.6900, 0.1528,
-2.3591

■ 46.3130, 2.3107,
52.3455

■ 115.8310, -0.4097,
-8.6218

■ 39.1720, 2.8732,
58.6082

■ 122.9720, -0.9722,
-14.8844

■ 36.4820, 2.7204,
60.9673

■ 129.6400, -0.8085,
-20.7323

■ 136.7810, -1.3710,
-26.9949

■ 143.4490, -1.2074,
-32.8428

Harmonies

Analogous

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



81.1400, 7.8190, 12.1552



81.0720, 0.9505, 21.8619



80.2590, -6.0437, 25.2059

Triad

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



81.0720, 0.9505, 21.8619



76.9710, -12.8037, 0.0254



71.5040, 15.5275, -33.7680

Complementary

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



81.0720, 0.9505, 21.8619



92.9280, -0.9505, -21.8619

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.



70.0000, 9.8600, -35.9570



81.0720, 0.9505, 21.8619



74.7890, -6.7980, -12.9700

Square

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



81.0720, 0.9505, 21.8619



78.2930, -14.4414, 12.0210



72.1770, 1.3917, -26.4652



76.0050, 15.7735, -19.2984

Rectangle

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



81.0720, 0.9505, 21.8619



79.5100, -10.1114, 23.2317



72.1770, 1.3917, -26.4652



70.4390, 14.0806, -36.3420

Sweetspot

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



81.0720, 0.9505, 21.8619



128.1690, 0.4097, 8.6218



79.2090, 13.2080, 10.3407



63.0330, -0.0163, 5.2331



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.



81.0720, 0.9505, 21.8619



98.6760, 1.6387, 34.4871



81.7100, -6.7590, 21.3023



50.0220, -0.0108, 3.4887



40.2270, 2.8461, 67.3299



84.3130, 6.2547, 140.9225

Inverse Universe

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



81.0720, 0.9505, 21.8619



98.6760, 1.6387, 34.4871



92.2900, 6.7590, -21.3023



50.0220, -0.0108, 3.4887



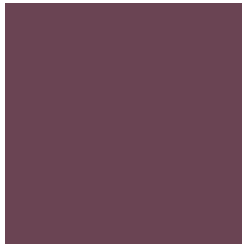
40.2270, 2.8461, 67.3299



84.3130, 6.2547, 140.9225

Previews

White Background



This preview shows how the YUV color 81.0720, 0.9505, 21.8619 looks on a white background.

Color Contrast Check

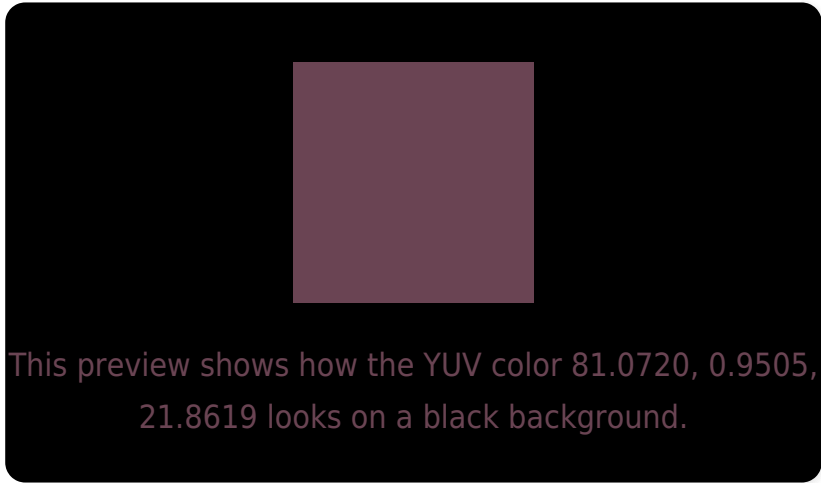
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

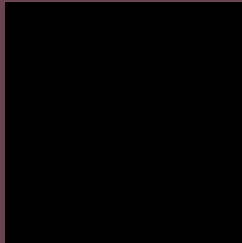
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.0720, 0.9505, 21.8619

Background



This preview shows how black text looks on a background with the YUV color 81.0720, 0.9505, 21.8619.



This preview shows how white text looks on a background with the YUV color 81.0720, 0.9505,

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

81.0720, 0.9505, 21.8619

Protanopia

79.9550, 4.9522, -1.7145

Deuteranopia

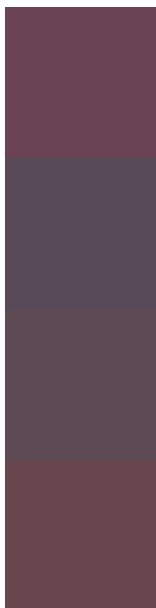
80.1470, 0.4205, 5.1331



Tritanopia

80.4480, -2.6859, 21.5321

Trichromacy



Original Color

81.0720, 0.9505, 21.8619

Protanomaly

80.2550, 3.3253, 6.7924

Deuteranomaly

80.5930, 0.6937, 10.8809

Tritanomaly

80.7900, -1.3755, 21.2322

Monochromacy



Original Color

81.0720, 0.9505, 21.8619

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0720, 0.9505, 21.8619 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(106, 68, 83)` looks like.

```
.text, #text, p{  
    color:rgb(106, 68, 83)  
}
```

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(106, 68, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 68, 83) }
```

Border

The CSS property to change the border of an element to YUV 81.0720, 0.9505, 21.8619 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(106, 68, 83) }
```


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

```
.border{ border-color:rgb(106, 68, 83) }
```

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

Here you see how a box with a 4 pixel rgb(106, 68, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 68, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 68, 83);  
box-shadow:4px 4px 4px 4px rgb(106, 68,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 81.0720, 0.9505, 21.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 68, 83) }
```

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

```
.background{ background-color: rgb(106, 68,  
83) }
```

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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